

Basics Of Web Design Html5 And Css3 By Terry Morris

Basics of Web Design: HTML5 and CSS3, 2e covers the basic concepts that web designers need to develop their skills: Introductory Internet and Web concepts Creating web pages with HTML5 Configuring text, color, and page layout with Cascading Style Sheets Configuring images and multimedia on web pages Web design best practices Accessibility, usability, and search engine optimization considerations Obtaining a domain name and web host Publishing to the Web

Summary HTML5 in Action provides a complete introduction to web development using HTML5. You'll explore every aspect of the HTML5 specification through real-world examples and code samples. It's much more than just a specification reference, though. It lives up to the name HTML5 in Action by giving you the practical, hands-on guidance you'll need to use key features. About the Technology HTML5 is not a few new tags and features added to an old standard—it's the foundation of the modern web, enabling its interactive services, single-page UI, interactive games, and complex business applications. With support for standards-driven mobile app development, powerful features like local storage and WebSockets, superb audio and video APIs, and new layout options using CSS3, SVG, and Canvas, HTML5 has entered its prime time. About the Book HTML5 in Action provides a complete introduction to web development using HTML5. It explores the HTML5 specification through real-world examples and code samples. It earns the name "in Action" by giving you the practical, hands-on

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guidance you'll need to confidently build the sites and applications you—and your clients—have been wanting for years. This book concentrates on new HTML5 features and assumes you are familiar with standard HTML. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. What's Inside New semantic elements and form input types Single-page application design Creating interactive graphics Mobile web apps About the Authors Rob Crowther is a web developer and blogger and the author of Manning's Hello! HTML5 & CSS3. Joe Lennon is an enterprise mobile application developer. Ash Blue builds award-winning interactive projects. Greg Wanish is an independent web and eCommerce developer. Table of Contents PART 1 INTRODUCTION HTML5: from documents to applications PART 2 BROWSER-BASED APPS Form creation: input widgets, data binding, and data validation File editing and management: rich formatting, file storage, drag and drop Messaging: communicating to and from scripts in HTML5 Mobile applications: client storage and offline execution PART 3 INTERACTIVE GRAPHICS, MEDIA, AND GAMING 2D Canvas: low-level, 2D graphics rendering SVG: responsive in-browser graphics Video and audio: playing media in the browser WebGL: 3D application development Plus 10 Appendixes HTML and CSS can be a little daunting at first but fear not. This book, based on Shay Howe's popular workshop covers the basics and breaks down the barrier to entry, showing readers how they can start using HTML and CSS through practical techniques today. They'll find accompanying code examples online, while they explore topics such as the different structures of HTML and CSS, and common terms. After establishing a basic understanding of HTML and CSS a deeper dive is taken into the box model and how to work with floats. The book includes an exercise focused on cleaning up a web page by improving the user interface and design,

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solely using HTML and CSS. With a few quick changes the web page changes shape and comes to life. Interactive, technically up-to-the-minute and easy-to-understand, this book will advance a student's skills to a professional level.

If you are a beginner who needs a solid grounding in the best practices for creating websites, this book is for you. Written by innovative curriculum developer and university web instructor Thomas Michaud, this book provides an accessible yet comprehensive look at web design and front-end coding, covering HTML, CSS, design principles and more. You'll learn HTML semantics, structure, and validation, and how to separate content from design using CSS (levels 1, 2, and 3). Online videos and code examples let you follow along and practice with the code. Some of the other things you'll learn about include:

- text elements, links, objects, and tables
- using the box model for background images, padding, borders, and margins
- fixed vs. liquid page layout
- choosing between different navigation models
- creating and styling forms
- interactive design with JavaScript and jQuery

Foundations of Web Design is an indispensable resource to quickly take you from sketching to coding.

HTML5 is the longest HTML specification ever written. It is also the most powerful, and in some ways, the most confusing. What do accessible, content-focused standards-based web designers and front-end developers need to know? And how can we harness the power of HTML5 in today's browsers?

"A complete learning experience for creating industry standard Web pages - but you won't be just reading: you'll be playing games, solving puzzles, pondering mysteries and creating Web pages like you never imagined. You'll be also learning how HTML works with CSS . . . if you're going to create Web pages in the 21st century, then you want to know and to understand CSS,

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too."

Readers discover the latest, industry-leading website development practices with this new book in the popular Shelly Cashman Series. For more than three decades, the Shelly Cashman Series has effectively introduced computer skills to millions of learners. Minnick's RESPONSIVE WEB DESIGN WITH HTML 5 & CSS, 9th edition, combines best practices with the most up-to-date tools available. The new edition equips readers with a solid foundation in HTML, CSS and responsive web design while illuminating deeper conceptual issues essential to today's field of web development. In addition, a range of projects logically build in complexity and ensure thorough understanding. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version. For courses in web development and design. A Comprehensive, Well-Rounded Intro to Web Development and Design Updated and expanded in this Eighth Edition, Web Development and Design Foundations with HTML5 presents a comprehensive introduction to the development of effective web sites. Intended for beginning web development courses, the text relates both the necessary hard skills (such as HTML5, CSS, and JavaScript) and soft skills (design, e-commerce, and promotion strategies) considered fundamental to contemporary web development. An emphasis on hands-on practice guides students, as the text introduces topics ranging from configuration and layout to accessibility techniques and ethical considerations. The Eighth Edition contains updated coverage of HTML5 and CSS, expanded coverage of designing for mobile devices, and more.

Summary Hello! HTML5 & CSS3 is written for the web designer or developer who wants a fast, example-oriented introduction to the new HTML and CSS features. This

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snappy, user-friendly, and fun guide will get you started right away. About this Book Whether you're building web pages, mobile apps, or desktop apps, you need to learn HTML5 and CSS3. So why wait? Hello! HTML5 & CSS3 is a smart, snappy, and fun way to get started now. In this example-rich guide to HTML5 and CSS3, you'll start with a user-friendly introduction to HTML5 markup and then take a quick tour through forms, graphics, drag-and-drop, multimedia, and more. Next, you'll explore CSS3, including new features like drop shadows, borders, colors, gradients, and backgrounds. Every step of the way, you'll find hands-on examples, both large and small, to help you learn by doing. Purchase of the print book comes with an offer of a free PDF, ePub, and Kindle eBook from Manning. Also available is all code from the book. What's inside Easy-to-follow intro to HTML5 and CSS3 Fully illustrated and loaded with examples Designed for low-stress learning No prior experience needed! Table of Contents PART 1 LEARNING HTML5 Introducing HTML5 markup HTML5 forms Dynamic graphics Audio and video Browser-based APIs Network and location APIs PART 2 LEARNING CSS3 New CSS language features Layout with CSS3 Motion and color Borders and backgrounds with CSS3 Text and fonts

Intended for use in a beginning web design or web development course The Basics of Web Design: HTML5 & CSS3, 2e takes a unique approach to prepare students to design web pages that work today in addition to being ready to take advantage of HTML5 coding techniques of the future. The text covers the basic concepts that web

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designers need to develop their skills: Introductory Internet and Web concepts Creating web pages with HTML5 Configuring text, color, and page layout with Cascading Style Sheets Configuring images and multimedia on web pages Web design best practices Accessibility, usability, and search engine optimization considerations Obtaining a domain name and web host Publishing to the Web Teaching and Learning Experience To provide a better teaching and learning experience, for both instructors and students, this program will: Apply Theory and/or Research: A well-rounded foundation of hard and soft skills will help students as they pursue careers as web professionals. Engage Students: Hands-on practice exercises and a running case study offer real-world perspective, and keep students interested in the material. Support Instructors and Students: Student files for web page Hands-on Practice exercises and the case study are available on the companion website.

For introductory courses in Web Design Provide a strong foundation for web design and web development Basics of Web Design: HTML5, is a foundational introduction to beginning web design and web development. The text provides a balance of "hard" skills such as HTML 5, CSS, and "soft" skills such as web design and publishing to the Web, giving students a well-rounded foundation as they pursue careers as web professionals. Students will leave an introductory design course with the tools they need to build their skills in the fields of web design, web graphics, and web development. The 5th Edition features a major change from previous edition. Although

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classic page layout methods using CSS float are still introduced, there is a new emphasis on Responsive Page Layout utilizing the new CSS Flexible Box Layout (Flexbox) and CSS Grid Layout techniques. Therefore, the new 5th Edition features new content, updated topics, hands-on practice exercises, and case studies.

Presents information on using HTML and CSS to create Web pages, covering such topics as improving user interfaces, embedding audio and video, working with client-side data, and using APIs.

This full-color text shows readers how to transform data into something meaningful - information. It is meant for anyone interested in the art and science of communicating data to others. Drawing on the author's years of practice and teaching, it bridges the two worlds in ways everyone can participate in and appreciate the beautiful in information.

Master innovative and eye-catching website design with the exciting new Treehouse Series of books Turn plain words and images into stunning websites using HTML5 and this beautiful, full-colour guide. Taking you beyond the constraints of prebuilt themes and simple site building tools, this new Treehouse book combines practicality with inspiration to show you how to create fully customized, modern, and dazzling websites that make viewers want to stop and stay. The exciting new Treehouse Series of books is authored by Treehouse experts and packed with innovative design ideas and practical skill-building. If you're a web developer, web designer, hobbyist, or career-

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changer, every book in this practical newseries should be on your bookshelf. Part of the new Treehouse Series of books, teaching youeffective and compelling website development and design, helpingyou build practical skills Provides career-worthy information from Treehouse industry prosand trainers Explains HTML5 basics, such as how to format text, add scriptsto pages, and use HTML5 for audio and video Also covers hypermedia, CSS and JavaScript, embedding video,geolocation, and much more Leverage pages of dazzling website design ideas and expertinstruction with a new Treehouse Series book.

Deliver an optimal user experience to all devices—including tablets, smartphones, feature phones, laptops, and large screens—by learning the basics of responsive web design. In this hands-on guide, UX designer Clarissa Peterson explains how responsive web design works, and takes you through a responsive workflow from project kickoff to site launch. Ideal for anyone involved in the process of creating websites—not just developers—this book teaches you fundamental strategies and techniques for using HTML and CSS to design websites that not only adapt to any screen size, but also use progressive enhancement to provide a better user experience based on device capabilities such as touchscreens and retina displays. Start with content strategy before creating a visual design Learn why your default design should be for the narrowest screens Explore the HTML elements and CSS properties essential for responsive web design Use media queries to display different CSS styles based on a device's viewport

width Handle elements such as images, typography, and navigation Use performance optimization techniques to make your site lighter and faster

Beginning HTML5 and CSS3 is your introduction to the new features and elements of HTML5—as a web developer you'll learn about all the leaner, cleaner, and more efficient code available now with HTML5, along with some new tools that will allow you to create more meaningful and richer content. For everyone involved in web design, this book also introduces the new structural integrity and styling flexibility of CSS 3—which means better-looking pages and smarter content in your website projects. For all forward-looking web professionals who want to start enjoying and deploying the new HTML5 and CSS3 features right away, this book provides you with an in-depth look at the new capabilities—including audio and video—that are new to web standards. You'll learn about the new HTML5 structural sections, plus HTML5 and CSS3 layouts. You'll also discover why some people think HTML5 is going to be a Flash killer, when you see how to create transitions and animations with these new technologies. So get ahead in your web development through the practical, step-by-step approaches offered to you in Beginning HTML5 and CSS3.

A step by step guide for beginners to create interactive and dynamic websites from scratch. Key Features A fun-filled book with incrementing projects that would help you learn and adapt the fundamentals of web development Bring your web design to life with the help of HTML, CSS, JQuery, and learn to kick-start

your future projects with Bootstrap Explore popular web development techniques such as responsive, adaptive, and material design and initiate yourself with Vue.js Book Description Web design is the process of creating websites. It encompasses several different aspects, including webpage layout, content production, and graphic design. This book offers you everything you need to know to build your websites. The book starts off by explaining the importance of web design and the basic design components used in website development. It'll show you insider tips to work quickly and efficiently with web technologies such as HTML5, CSS3, and JavaScript, concluding with a project on creating a static site with good layout. Once you've got that locked down, we'll get our hands dirty by diving straight into learning JavaScript and JQuery, ending with a project on creating dynamic content for your website. After getting our basic website up and running with the dynamic functionalities you'll move on to building your own responsive websites using more advanced techniques such as Bootstrap. Later you will learn smart ways to add dynamic content, and modern UI techniques such as Adaptive UI and Material Design. This will help you understand important concepts such as server-side rendering and UI components. Finally we take a look at various developer tools to ease your web development process. What you will learn Understand the importance of web design and the basic design

components Learn HTML5 and CSS3 Difference between adaptive and responsive web design Learn how to create your first website Add interaction and dynamic content to your website with JavaScript and JQuery Implement Bootstrap Framework in your project Get familiar with server-side rendering Who this book is for This book is for anyone who wants to learn about web development regardless of previous experience. It's perfect for complete beginners with zero experience; it's also great for anyone who does have some experience in a few technologies (such as HTML and CSS) but not all of them. No matter how visually appealing or content-packed a Web site may be, if it's not adaptable to a variety of situations and reaching the widest possible audience, it isn't really succeeding. In Bulletproof Web Desing, author and Web designer extraordinaire, Dan Cederholm outlines standards-based strategies for building designs that provide flexibility, readability, and user control--key components of every sucessful site. Each chapter starts out with an example of an unbulletproof site one that employs a traditional HTML-based approach which Dan then deconstructs, pointing out its limitations. He then gives the site a make-over using XHTML and Cascading Style Sheets (CSS), so you can see how to replace bloated code with lean markup and CSS for fast-loading sites that are accessible to all users. Finally, he covers several popular fluid and elastic-width layout

techniques and pieces together all of the page components discussed in prior chapters into a single-page template.

Written in a practical and concise manner, this book is a crash-course in teaching you the fundamental concepts of Less with real-life examples and problems. If you use CSS(3) in your web development tasks and would love to learn how to create maintainable and reusable code with Less, this book is ideal for you.

Although you need to have some experience in web development, even beginners will find that this book is useful.

The Essential Guide to HTML5 and CSS3 Web Design has been fully revised from its critically acclaimed first edition, and updated to include all of the new features and best practices of HTML5 and CSS3. This book reveals all you'll need to design great web sites that are standards-compliant, usable, and aesthetically pleasing, but it won't overwhelm you with waffle, theory, or obscure details! You will find The Essential Guide to HTML5 and CSS3 Web Design invaluable at any stage of your career, with its mixture of practical tutorials and reference material. Beginners will quickly pick up the basics, while more experienced web designers and developers will keep returning to the book again and again to read up on techniques they may not have used for a while, or to look up properties, attributes and other details. This book is destined to become a

close friend, adopting a permanent place on your desk. The Essential Guide to HTML5 and CSS3 Web Design starts off with a brief introduction to the web and web design, before diving straight in to HTML5 and CSS3 basics, reusing code, and other best practices you can adopt. The book then focuses on the most important areas of a successful web site: typography, images, navigation, tables, layouts, forms and feedback (including ready-made PHP scripts) and browser quirks, hacks and bugs. The Essential Guide to HTML5 and CSS3 Web Design is completely up-to-date, covering support of the newest standards in all the latest browsers, including IE 9 and Firefox 4. The last chapter of the book provides several case studies to dissect and learn from, including all the most popular web site archetypes—a blog, a store front, a corporate home page, and an online gallery. You'll also appreciate several detailed reference appendices covering CSS, HTML, color references, entities, and more—any details you need to look up will be close at hand.

There are a lot of books out there covering CSS and HTML, but this one stands out from the crowd by combining all the best aspects of reference and tutorial books — it teaches everything you need to know to design great web sites, and moves at a fast pace, eschewing unnecessary theory and obscure details. It is designed so that any level of web designer or developer will find this to be an

essential guide. It teaches the basics of CSS and HTML before quickly moving on to cover in depth all of the essential areas of web design, including forms, tables, typography, layout, browser quirks and more.

Sams Teach Yourself HTML, CSS and JavaScript All in One The all-in-one HTML, CSS and JavaScript beginner's guide: covering the three most important languages for web development. Covers everything beginners need to know about the HTML and CSS standards and today's JavaScript and Ajax libraries - all in one book, for the first time Integrated, well-organized coverage expertly shows how to use all these key technologies together Short, simple lessons teach hands-on skills readers can apply immediately By best-selling author Julie Meloni Mastering HTML, CSS, and JavaScript is vital for any beginning web developer - and the importance of these technologies is growing as web development moves away from proprietary alternatives such as Flash. Sams Teach Yourself HTML, CSS, and JavaScript All in One brings together everything beginners need to build powerful web applications with the HTML and CSS standards and the latest JavaScript and Ajax libraries. With this book, beginners can get all the modern web development knowledge you need from one expert source. Bestselling author Julie Meloni (Sams Teach Yourself PHP, MySQL and Apache All in One) teaches simply and clearly, through brief, hands-on lessons

focused on knowledge you can apply immediately. Meloni covers all the building blocks of practical web design and development, integrating new techniques and features into every chapter. Each lesson builds on what's come before, showing you exactly how to use HTML, CSS, and JavaScript together to create great web sites.

Do you want to build web pages but have no prior experience? This friendly guide is the perfect place to start. You'll begin at square one, learning how the web and web pages work, and then steadily build from there. By the end of the book, you'll have the skills to create a simple site with multicolumn pages that adapt for mobile devices. Each chapter provides exercises to help you learn various techniques and short quizzes to make sure you understand key concepts. This thoroughly revised edition is ideal for students and professionals of all backgrounds and skill levels. It is simple and clear enough for beginners, yet thorough enough to be a useful reference for experienced developers keeping their skills up to date. Build HTML pages with text, links, images, tables, and forms Use style sheets (CSS) for colors, backgrounds, formatting text, page layout, and even simple animation effects Learn how JavaScript works and why the language is so important in web design Create and optimize web images so they'll download as quickly as possible NEW! Use CSS Flexbox and Grid for

sophisticated and flexible page layout NEW! Learn the ins and outs of Responsive Web Design to make web pages look great on all devices NEW! Become familiar with the command line, Git, and other tools in the modern web developer's toolkit NEW! Get to know the super-powers of SVG graphics With over 60,000 copies sold since its first edition, this SitePoint best-seller has just had a fresh update to include recent advances in the web industry. With the first two editions coming highly recommended by established, leading web designers and developers, the third edition with all its extra goodies will continue that trend. Also fully updated to include the latest operating systems, web browsers and providing fixes to issues that have cropped up since the last edition. Readers will learn to: Style text and control your page layout with CSS Create and Optimize graphics for the Web Add interactivity to your sites with forms Include a custom search, contact us page, and a News/Events section on your site Track visitors with Google Analytics Extend your reach and connect your site with Social Media Use HTML5&CSS3 to add some cool, polished features to your site Use diagnosis/debug tools to find any problems And lots more.

You can easily create a professional-looking website with nothing more than an ordinary computer and some raw ambition. Want to build a blog, sell products, create

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forums, or promote an event? No problem! This friendly, jargon-free book gives you the techniques, tools, and advice you need to build a site and get it up on the Web. The important stuff you need to know: Master the basics. Learn HTML5, the language of the Web. Design good-looking pages. Use styles to build polished layouts. Get it online. Find a reliable web host and pick a good web address. Use time-saving tools. Learn free tools for creating web pages and tracking your visitors. Attract visitors. Make sure people can find your site through popular search engines like Google. Build a community. Encourage repeat visits with social media. Bring in the cash. Host Google ads, sell Amazon's wares, or push your own products that people can buy via PayPal. Add pizzazz. Include audio, video, interactive menus, and a pinch of JavaScript. This second edition of *The Principles of Beautiful Web Design* is the ideal book for people who can build websites, but are seeking the skills and knowledge to visually enhance their sites. This book will teach you how to: Understand the process of what makes "good design," from discovery through to implementation Use color effectively, develop color schemes, and create a palette Create pleasing layouts using grids, the rule of thirds, and symmetry Employ textures: lines, points, shapes, volumes, and depth Apply typography to make ordinary designs look great Choose, edit, and position effective imagery And lots more... This revised, easy-to-follow guide is illustrated with beautiful, full-color examples, and leads readers through the process of creating great designs from start to finish. It also features: Updated information about grid-based

design How to design for mobile resolutions Information about the future of web fonts including @font-face Common user-interface patterns and resources

Create games with graphics that pop for the web and mobile devices! HTML5 is the tool game developers and designers have been eagerly awaiting. It simplifies the job of creating graphically rich, interactive games for the Internet and mobile devices, and this easy-to-use guide simplifies the learning curve. Illustrated in full color, the book takes you step by step through the basics of HTML5 and how to use it to build interactive games with 2D graphics, video, database capability, and plenty of action. Learn to create sports and adventure games, pong games, board games, and more, for both mobile devices and the standard web. Learn to use the new HTML5 technology that makes it easier to create games with lots of action, colorful 2D graphics, and interactivity--for both the web and mobile devices Test and debug your games before deploying them Take advantage of how HTML5 allows for SQL-like data storage, which is especially valuable if you're not well versed in database management Explore creating games suitable for community activity and powerful, profitable games that require large amounts of data Whether you want to build games as a fun hobby or hope to launch a new career, this full-color guide covers everything you need to know to make the most of HTML5 for game design.

Web Programming with HTML5, CSS, and JavaScript is written for the undergraduate, client-side web programming course. It covers the three client-side technologies

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(HTML5, CSS, and JavaScript) in depth, with no dependence on server-side technologies.

Intended for use in a beginning web design or web development course The Basics of Web Design: HTML5 & CSS3, 2e takes a unique approach to prepare students to design web pages that work today in addition to being ready to take advantage of HTML5 coding techniques of the future. The text covers the basic concepts that web designers need to develop their skills: * Introductory Internet and Web concepts * Creating web pages with HTML5 * Configuring text, color, and page layout with Cascading Style Sheets * Configuring images and multimedia on web pages * Web design best practices * Accessibility, usability, and search engine optimization considerations * Obtaining a domain name and web host * Publishing to the Web Teaching and Learning Experience.

Basics of Web Design HTML5 & CSS3 Addison-Wesley

This training package - complete with full-color book and instructional video - is the easiest way to learn HTML5! HTML5 boasts extensive new features that allow you to create dynamic web pages and present users with amazing multimedia experiences, and this one-of-a-kind training package is your guide to creating websites that wow! HTML5 Digital Classroom provides step-by-step instruction to help you gain the essential HTML5 knowledge you need to master the latest HTML5 specifications. This book-and-video package will have you creating web pages and web applications using

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HTML5, styling using CSS3, and working effectively with JavaScript and jQuery like a pro. This personal training course uses a full-color book plus video tutorials to teach you how to design compelling websites and web apps, develop your coding skills, and take full advantage of the new web standards for creating rich multimedia experiences. This book starts at a foundational level with an introduction to HTML5 before moving on to more advanced topics like creating HTML5 forms, using geo location, implementing drag-and-drop, utilizing the Canvas element to create 2D and 3D graphics, and more. Includes 15 lessons in full-color covering introductory to advanced HTML5 topics plus video tutorials and sample files that allow you to test your skills and work at your own pace Fully updated for the latest HTML5 specifications and browser capabilities Covers the basics of creating web pages with HTML5, formatting text and layouts with CSS3, using web fonts, understanding HTML5 markup, and optimizing your site for viewing on mobile devices Explains more advanced concepts like working with video and audio, taking advantage of offline storage, using the Canvas element, enhancing your website with JavaScript and jQuery, and incorporating best practices for web coding into your workflow Get comfortable with writing and reviewing HTML5 compliant code and put your web development skills to work today with HTML5 Digital Classroom. NOTE: DVD and other supplementary materials are not included as part of eBook file. These materials are available for download upon purchase.

Html tutorial is a educational book on hyper text language

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For introductory courses in Web Design. The Fundamentals of Web Development for the New Designer Basics of Web Design: HTML5 & CSS3 is the comprehensive source material for beginners in web design and development. The hands-on text introduces major topics in two-page sections, focusing on key concepts and providing interactive exercises. All the basics of web designs, from creating web pages to publishing them online, are explored in-depth by each chapter of this book. With a focus on HTML5 and CSS3 coding techniques, the Third Edition prepares readers to take advantage of the most modern and popular platforms for web development. Exploring both "hard skills," such as HTML5 and Cascading Style Sheets, as well as "soft skills" like web design and publishing to the web, the text teaches coders all the fundamental information they need to design successful websites.

Harness the latest capabilities of HTML5 and CSS to create a single UI that works flawlessly on mobile phones, tablets, and desktops — plus everything in-between

Key Features

- Understand what responsive web design is and its significance for modern web development
- Explore the latest developments in responsive web design including variable fonts, CSS Scroll Snap, and more
- Get to grips with the uses and benefits of the new CSS Grid layout

Book Description

Responsive Web Design with HTML5 and CSS, Third Edition is a renewed and extended version of one of the most comprehensive and bestselling books on the latest HTML5 and CSS tools and techniques for responsive web design. Written in the author's signature friendly and informal style, this edition covers all the newest developments and improvements in responsive web design including better user accessibility, variable fonts and font loading, CSS Scroll Snap, and much, much more. With a new chapter dedicated to CSS Grid, you will understand how it differs from the Flexbox layout mechanism and when you

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should use one over the other. Furthermore, you will acquire practical knowledge of SVG, writing accessible HTML markup, creating stunning aesthetics and effects with CSS, applying transitions, transformations, and animations, integrating media queries, and more. The book concludes by exploring some exclusive tips and approaches for front-end development from the author. By the end of this book, you will not only have a comprehensive understanding of responsive web design and what is possible with the latest HTML5 and CSS, but also the knowledge of how to best implement each technique. What you will learn Integrate CSS media queries into your designs; apply different styles to different devices Load different sets of images depending upon screen size or resolution Leverage the speed, semantics, and clean markup of accessible HTML patterns Implement SVGs into your designs to provide resolution-independent images Apply the latest features of CSS like custom properties, variable fonts, and CSS Grid Add validation and interface elements like date and color pickers to HTML forms Understand the multitude of ways to enhance interface elements with filters, shadows, animations, and more Who this book is for Are you a full-stack developer who needs to gem up on his front-end skills? Perhaps you work on the front-end and you need a definitive overview of all modern HTML and CSS has to offer? Maybe you have done a little website building but you need a deep understanding of responsive web designs and how to achieve them? This is a book for you! All you need to take advantage of this book is a working understanding of HTML and CSS. No JavaScript knowledge is needed.

Summary Web Design Playground takes you step by step from writing your first line of HTML to creating interesting and attractive web pages. In this project-based book, you'll use a custom online workspace, the book's companion Playground, to design websites, product pages, photo

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galleries, and more. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Technology How do top designers learn to create beautiful web pages and intuitive user experiences? Great examples, expert mentoring, and lots of practice! Written by web designer and master teacher Paul McFedries, this unique book shapes and sharpens your skills in HTML, CSS, and web page design. About the Book Web Design Playground takes you step by step from writing your first line of HTML to creating interesting, attractive web pages. In this project-based book, you'll use a custom online workspace to design websites, product pages, photo galleries, and more. Don't worry about setting up your own servers and domain names—the book comes with a free "playground" which lets you experiment without any of that! You can concentrate on core skills like adding images and video and laying out the page, plus learning typography, responsive design, and the other tools of the web trade. What's inside Getting started with HTML, CSS, and web design A free, fully interactive web design workspace Working with images, color, and fonts Full-color illustrations throughout About the Reader If you can use a browser, you're ready to create web pages! About the Author Paul McFedries has written nearly 100 books, which have sold over four million copies world-wide. Table of Contents PART 1 - GETTING STARTED WITH HTML AND CSS Getting to Know HTML and CSS Building Your First Web Page Adding Structure to Your Page Formatting Your Web Page Project: Creating a Personal Home Page PART 2 - WORKING WITH IMAGES AND STYLES Adding Images and Other Media Learning More About Styles Floating and Positioning Elements Styling Sizes, Borders, and Margins Project: Creating a Landing Page PART 3 - LAYING OUT A WEB PAGE Learning Page Layout Basics Creating Page Layouts with Flexbox Designing Responsive Web Pages Making

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Your Images and Typography Responsive Project: Creating a Photo Gallery PART 4 - MAKING YOUR WEB PAGES SHINE More HTML Elements for Web Designers Adding a Splash of Color to Your Web Designs Enhancing Page Text with Typography Learning Advanced CSS Selectors Project: Creating a Portfolio Page

Design and deliver an optimal user experience for all devices About This Book Get to grips with the core functionality of RWD through examples Discover how to make layouts, content and media flexible, and explore why a content-first approach is more effective Maximize the performance of your web pages so that they work across all browsers and devices irrespective of the screen size Who This Book Is For This book is for web designers who are familiar with HTML and CSS, and want to begin with responsive web design. Web development experience and knowledge of HTML5, CSS3 is assumed. What You Will Learn Explore various layout options Understand what can be achieved in the browser, without the use of third-party tools Executing media queries to benefit responsive designs Understand the basics of responsive workflow and boilerplate frameworks Improve performance of responsive web design Maintain compatibility across various browsers In Detail Responsive web design (RWD) is a web design approach aimed at crafting sites to provide an optimal viewing and interaction experience—providing easy reading and navigation with minimum resizing, panning, and scrolling—and all of this across a wide range of devices from desktop computer monitors to mobile phones. Responsive web design is becoming more important as the amount of mobile traffic now accounts for more than half of the Internet's total traffic. This book will give you in depth knowledge about the basics of responsive web design. You will embark on a journey of building effective responsive web pages that work across a range of devices, from mobile

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phones to smart TVs, with nothing more than standard markup and styling techniques. You'll begin by getting an understanding of what RWD is and its significance to the modern web. Building on the basics, you'll learn about layouts and media queries. Following this, we'll dive into creating layouts using grid based templates. We'll also cover the important topic of performance management, and discover how to tackle cross-browser challenges. Style and approach This is a practical example-based book which will delve into various elements and benefits of a responsive web design. It will help you understand the essential skills needed to create responsive web sites and guide you through the basics of building responsive web pages for any device. The topics are a blend of theoretical and practical essentials which will assist you to explore more about responsive web design.

This book will lead you, step by step and with illustrative screenshots, through a real example. Are you writing two websites - one for mobile and one for larger displays? Or perhaps you've heard of Responsive Design but are unsure how to bring HTML5, CSS3, or responsive design all together. If so, this book provides everything you need to take your web pages to the next level - before all your competitors do!

A full-color introduction to the basics of HTML and CSS from the publishers of Wrox! Every day, more and more people want to learn some HTML and CSS. Joining the professional web designers and programmers are new audiences who need to know a little bit of code at work (update a content management system or e-commerce store) and those who want to make their personal blogs more attractive. Many books teaching HTML and CSS are dry and only written for those who want to become programmers, which is why this book takes an entirely new approach. Introduces HTML and CSS in a way that makes them accessible to

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everyone—hobbyists, students, and professionals—and it's full-color throughout Utilizes information graphics and lifestyle photography to explain the topics in a simple way that is engaging Boasts a unique structure that allows you to progress through the chapters from beginning to end or just dip into topics of particular interest at your leisure This educational book is one that you will enjoy picking up, reading, then referring back to. It will make you wish other technical topics were presented in such a simple, attractive and engaging way! This book is also available as part of a set in hardcover - Web Design with HTML, CSS, JavaScript and jQuery, 9781119038634; and in softcover - Web Design with HTML, CSS, JavaScript and jQuery, 9781118907443.

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