

A Guide to HTML5 and CSS3





ZENVA is a company that creates high quality training material for developers and entrepreneurs covering the topics of app, game and web development with a strong focus on HTML5.



The **HTML5 Hive** is a site that aims to deliver tools for people to bring that website/ app/game idea into reality with a focus on web development and HTML5 applications.



The **GameDev Academy** is an online community that aims to promote game development by providing high quality resources and knowledge to aspiring game developers.

About Ashley



Ashley Menhennett

Ashley is a web designer + developer, programmer and technical author from Australia.

Ashley holds certification in IT + Web Based Technologies and specializes in modern mobile and responsive web design, working with bleeding-edge web based technologies—including HTML5 and CSS3.

About Pablo



Pablo Farias Navarro

Pablo is a web + mobile application developer, entrepreneur and owner of ZENVA from Chile.

Pablo holds a Master in Information Technology (Management) degree from the University of Queensland (Australia) and a Master of Science in Engineering degree from the Catholic University of Chile. Specialized in web and mobile HTML5, his preferred technologies for the development of web and mobile apps are PHP, MySQL, JavaScript and NodeJS.

With Special Thanks to our Families!

Part 1: The Basics of HTML and HTML5

1. Requirements
2. Definition of HTML
3. Structure
4. No Output?
5. Validation
6. More Warnings
7. Comments
8. HTML5 structure revisited
9. Inspecting with Fire-bug
10. Adding Content
11. Notes

Part 2: HTML Elements

12. The Paragraph Tag
13. Other Block level elements
14. Inline Elements
 - 14 a) Line Break
 - 14 b) Text Modifiers
 - 14 c) Images
 - 14 c a) Alternate Text
 - 14 c b) Displaying Images
 - 14 c c) Specifying the Size of an Image
 - 14 d) Anchors and Hyperlinks
 - 14 e) Linking inside a HTML Document
 - 14 f) Inline Elements in Action
15. Block Level and Inline Elements in Action
16. HTML Tables & Forms

Part 3: Main HTML5 Specific Elements

- 17. Header & Footer
- 18. Navigation
- 19. Section, Article & Aside
- 20. The Meter Element
- 21. Video
- 22. Audio

Part 4: The Basics of CSS

- 23. Definition of CSS.
- 24. Using Inline CSS.
- 25. Color
- 26. Using Internal CSS.
- 27. Using Ids and Classes.
- 28. Creating External CSS.
- 29. Linking to External CSS.
- 30. Inefficient Selectors.
- 31. Efficient Selectors.
- 32. HTML Element State
- 33. The CSS Box Model
- 34. Fonts

Part 4: Main CSS3.0 Specific Properties

- 35. Alpha Color Space
- 36. Opacity
- 37. Box Shadow & Border Radius