

HTML cont'd

Keywords and Tables



What's in Your <head>?

<title>

- Provides a concise description of the page and its purpose

<meta>

- Metadata: “data about data”
- Not rendered by the browser, but still used in other ways
- Tells us the language/character set to render in
- Tells us information about the program we used to write the HTML
- Also provides *keywords* used for search engines to index the page
 - `<meta name="keywords" content="words, here, that, describe, content, for, search, engines" />`
 - Though, Google doesn't use these any more...



CSS and HTML

- These two languages need to work together. We've seen some of this already, but to work with them we need to know a little more about how CSS "sees" HTML.
- Everything in HTML/CSS is a "box"



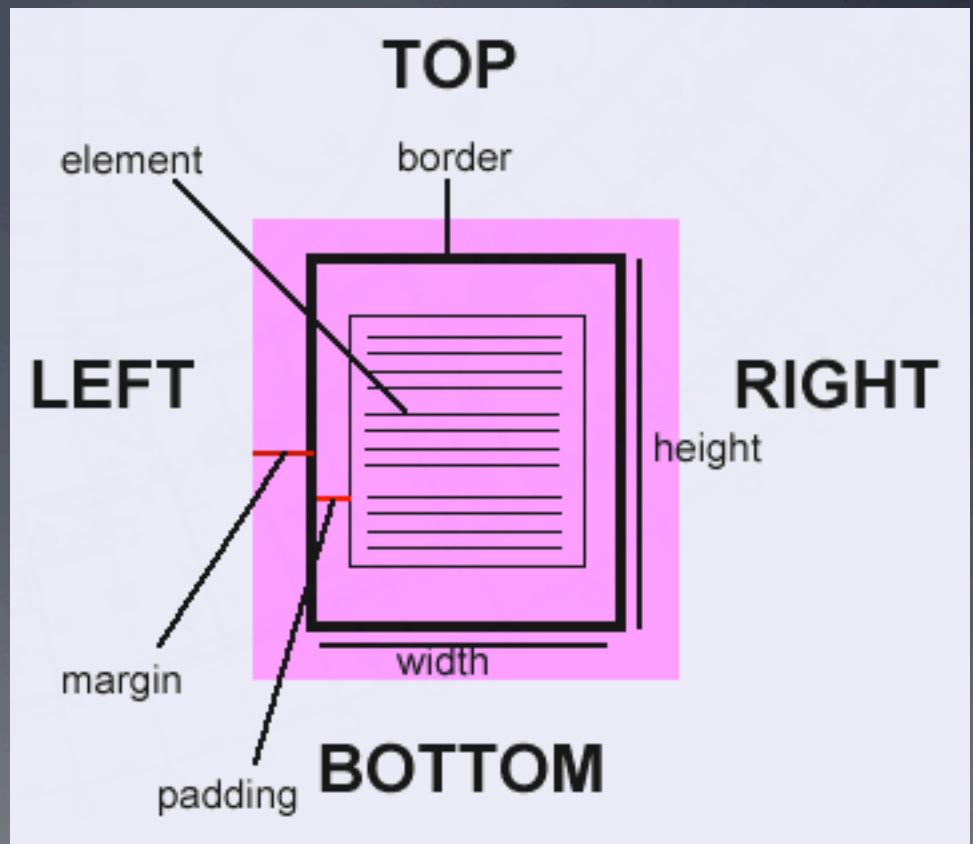
The Box Model

- CSS treats your web page as if every element (<p>, <div>, ...) is enclosed in an invisible box.
- CSS allows you to change a large number of the properties of this box, such as its border, color, position, flow, etc. to achieve the look and feel you are striving for.



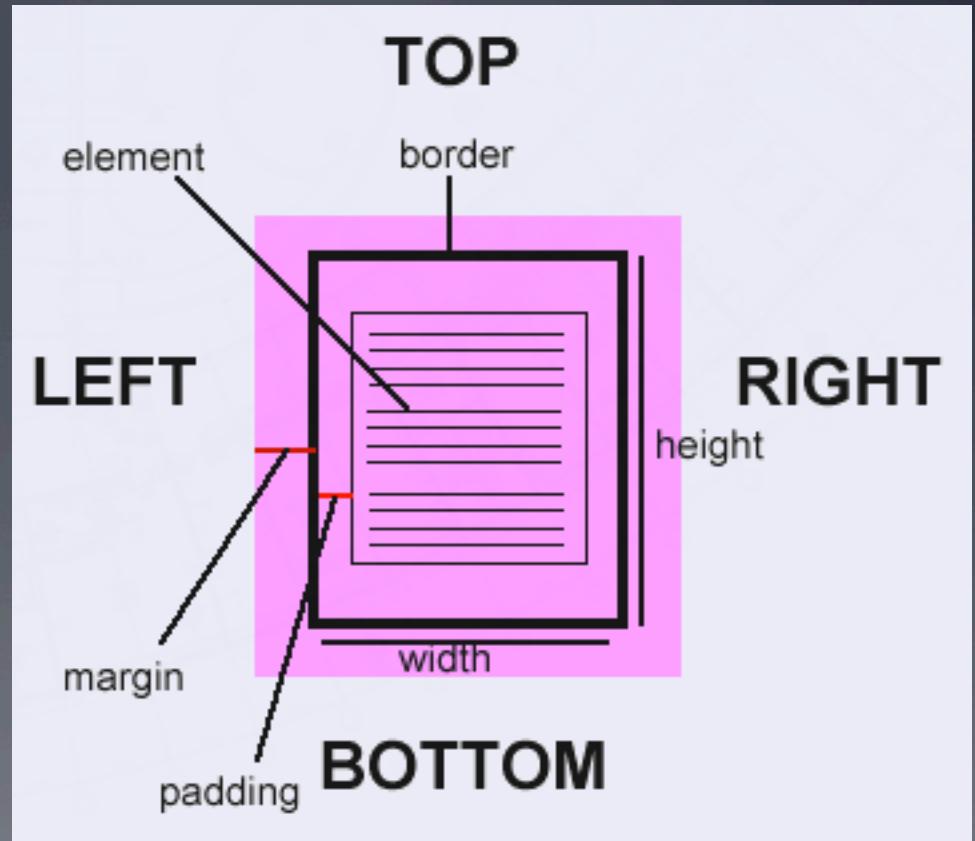
Properties of the “Box” we can set

- background-color
- background-image
- border
- Width
- height
- margin
- padding
- position
 - and related properties
 - top:
 - right:
 - bottom:
 - left:



Margin vs. Padding

- *Margin* adds space “outside of the box”
- *Padding* adds space “inside of the box”



Tables

What are they good for?



Tables

- Remember, the Web was originally a *scientific* collaboration experiment. So a lot of *data* was being shared.
- Tables were created for *tabular data*.
- Used for *layout* (not very well) until CSS-P.



Tables

- Table
 - <table> </table>
- Rows
 - <tr> </tr>
- Cells
 - <td> </td>
 - Can span columns with *colspan*, and rows with *rowspan*
- Header cell
 - <th> </th>



Table Properties

- Tables share a lot of properties of “the box.”
- padding, border, colors, etc.



Tables: What Are They Good For?

- Tabular data!
- NOT layout!
 - Lots of WYSIWYG programs used, or still use, tables for layout.



Tables Demo

Let's do it!

