

### HTML Structural Tags

| Tag              | Function                                 |
|------------------|--|
| <!-- Comment --> | Denotes a comment; will not display.     |
| <!DOCTYPE>       | Version of (X)html being used.           |
| <html>           | Identifies the whole document as HTML.   |
| <head>           | Identifies the head of the document.     |
| <title>          | Gives the page a title.                  |
| <body>           | Identifies the body of the document.     |
| <meta>           | Contains information about the document. |

### The Style Property

```
<p style="color: red; margin-left: 20px">This is a paragraph</p>
```

- This is the inline text styling property uses CSS property tags

|                 |                                     |
|-----------------|-------------------------------------|
| Color: property | Can be color or hex color property. |
| Margin-left:    | Specifies left margin in pixels.    |
| Margin-right:   | Specifies right margin in pixels.   |
| Margin-top:     | Specifies top margin in pixels.     |
| Margin-bottom:  | Bottom margin in pixels.            |

### Text Alignment Properties

#### Properties & Values

|  |   |
|--|---|
| Text-align="left right center justify"               | This specifies the alignment.                 |
| text-indent="integer"                                | this specifies the measurement or percentage. |
| margin-left, margin-right, margin-top, margin-bottom | set these to an integer to set the margin.    |
| line-height  | Measurement or percentage.                    |

### HTML Text Formatting Tags

| Tag & Attributes                   | Function  |
|------------------------------------|---|
| <b>                                | Makes text bold.                                    |
| <blockquote>                       | Lengthy quotation.                                  |
| <br />                             | Creates Line break.                                 |
| <dl>                               | Encloses a definition list .                        |
| <dt>                               | Marks a term in a definition list.                  |
| <dd>                               | Marks text as a definition in a definition list.    |
| <div>                              | Creates a page section (for applying styles) .      |
| <em>                               | Emphasized ( <i>italic</i> ) text.                  |
| <h#>                               | Heading level; # values are 1-6 (1 is the largest). |
| <hr />                             | Creates a horizontal line in the page.              |
| Color="color"                      | Specifies the color of the horizontal line.         |
| <i>                                | Makes the text italic.                              |
| <ol>                               | Contains an ordered list of items.                  |
| <ul>                               | Contains an unordered list of items.                |
| <li>                               | List item, marks text in a list.                    |
| <marquee>                          | Displays text in scrolling marquee.                 |
| Behavior="alternate scroll slide " | How text will marquee.                              |
| Bgcolor="color"                    | Background color of marquee.                        |
| Direction="down left right up"     | Direction text marquees.                            |
| <nobr>                             | "No break"; prevents a line break in text.          |
| <p>                                | Marks text as a paragraph.                          |
| <pre>                              | Marks text as preformatted text.                    |
| <span>                             | An inline element (used for some formatting).       |
| <strong>                           | Marks text similar to <b>bold</b> .                 |
| <sub>                              | Marks the text as subscript.                        |
| <sup>                              | Marks the text as <sup>superscript</sup> .          |
| <title>                            | Specifies the title of the document.                |
| <tt>                               | Marks the text as monospaced.                       |
| <u>                                | Marks the text as underlined.                       |

CSS Sizing and Formatting

| <u>Tag &amp; Attributes</u> | <u>Function</u>             |
|-----------------------------|-----------------------------|
| <b>Relative Sizes</b>       |                             |
| Em                          | 1em is font size of parent. |
| Ex                          | Height of lower case.       |
| %                           | Height in percentage.       |

**Absolute sizes**

|    |               |
|----|---------------|
| px | Pixels        |
| cm | Centimeters   |
| mm | Millimeters   |
| in | Inches        |
| pt | 1pt = 1/72 in |
| pc | 1pc = 12pt    |

**Colors**

|                  |   |
|------------------|---|
| #ffffff          | RGB hex color code  |
| rgb(246,100,120) | Value in red, green, and blue. Value must be between 0 and 255. |

**Special Characters**

| <u>Char.</u> | <u>Description</u>         | <u>Name</u> | <u>Number</u> |
|--------------|----------------------------|-------------|---------------|
|              | Non-breaking Space         | &nbsp;      | &#160;        |
| ©            | Copyright                  | &copy;      | &#169;        |
| ®            | Registered Trademark       | &reg;       | &#174;        |
| ™            | Trademark                  | &trade;     | &#153;        |
| £            | Pound                      | &pound;     | &#163;        |
| ¥            | Yen                        | &yen;       | &#165;        |
| €            | Euro                       | -----       | &#129;        |
| "            | Left Quotes (opening)      | -----       | &#147;        |
| "            | Right Quotes (Closing)     | -----       | &#148;        |
| <            | Greater-Than; left Bracket | -----       | &#155;        |
| >            | Less-Than; right bracket   | -----       | &#139;        |
| @            | "At" symbol                | -----       | &#64;         |

Table Tags

| <u>Tag &amp; Attributes</u>       | <u>Function</u>                                 |
|-----------------------------------|---|
| <table>                           | Establishes the beginning and end of the table. |
| Border="integer"                  | Number is the width.                            |
| Cellpadding="integer"             | Space between cell borders and table borders.   |
| Cellspacing="integer"             | Space between table cells.                      |
| Cols="integer"                    | Number of columns in table.                     |
| Height="integer"                  | Specifies height of table.                      |
| Width="integer"                   | Specifies width of table.                       |
| Hspace="integer"                  | Specifies horizontal space around table.        |
| Vspace="integer"                  | Specifies vertical space around table.          |
| Rules="all cols Groups none rows" | Specifies format of internal borders.           |
| <th>                              | Table head similar to <td> tag.                 |
| Align="left right Center"         | Horizontal alignment of cell.                   |
| Valign="top middle Bottom"        | Vertical alignment of cell.                     |
| Height="integer"                  | Specifies height of cell.                       |
| nowrap="nowrap"                   | Disables line-wrapping.                         |
| <tr>                              | Table row.                                      |
| Align="left right Center"         | Horizontal alignment of cell.                   |
| Background="url"                  | Specifies image as the background.              |
| <td>text</td>                     | Encloses the data in a cell.                    |
| Align="left right Center"         | Defines the Horizontal alignment of a cell.     |

**Other Reference Sites**

- <http://www.w3schools.com/>
- <http://validator.w3.org/>
- <http://www.addedbytes.com/cheat-sheets/>