

Basic Tags

`<html> </html>`

Creates an HTML document

`<head> </head>`

Sets off the title & other info that isn't displayed

`<body> </body>`

Sets off the visible portion of the document

`<title> </title>`

Puts name of the document in the title bar; when bookmarking pages, this is what is bookmarked

Body attributes (only used in email newsletters)

`<body bgcolor=?>`

Sets background color, using name or hex value

`<body text=?>`

Sets text color, using name or hex value

`<body link=?>`

Sets color of links, using name or hex value

`<body vlink=?>`

Sets color of visited links, using name or hex value

`<body alink=?>`

Sets color of active links (while mouse-clicking)

Text Tags

`<pre> </pre>`

Creates preformatted text

`<h1> </h1> --> <h6> </h6>`

Creates headlines -- H1=largest, H6=smallest

` `

Creates bold text (should use `` instead)

`<i> </i>`

Creates italicized text (should use `` instead)

`<tt> </tt>`

Creates typewriter-style text

`<code> </code>`

Used to define source code, usually monospace

`<cite> </cite>`

Creates a citation, usually processed in italics

`<address> </address>`

Creates address section, usually processed in italics

` `

Emphasizes a word (usually processed in italics)

` `

Emphasizes a word (usually processed in bold)

` `

Sets size of font - 1 to 7 (should use CSS instead)

` `

Sets font color (should use CSS instead)

` `

Defines the font used (should use CSS instead)

Links

`clickable text`

Creates a hyperlink to a Uniform Resource Locator

`clickable text`

Creates a hyperlink to an email address

``

Creates a target location within a document

`clickable text`

Creates a link to that target location

Formatting

`<p> </p>`

Creates a new paragraph

`
`

Inserts a line break (carriage return)

`<blockquote> </blockquote>`

Puts content in a quote - indents text from both sides

`<div> </div>`

Used to format block content with CSS

` `

Used to format inline content with CSS

Lists

` `

Creates an unordered list

`<ol start=?> `

Creates an ordered list (start=xx, where xx is a counting number)

` `

Encompasses each list item

`<dl> </dl>`

Creates a definition list

`<dt>`

Precedes each definition term

`<dd>`

Precedes each definition

Graphical elements

`<hr>`

Inserts a horizontal rule

`<hr size=?>`

Sets size (height) of horizontal rule

`<hr width=?>`

Sets width of rule (as a % or absolute pixel length)

`<hr noshade>`

Creates a horizontal rule without a shadow

``

Adds image; it is a separate file located at the URL

``

Aligns image left/right/center/bottom/top/middle (use CSS)

``

Sets size of border surrounding image (use CSS)

``

Sets height of image, in pixels

``

Sets width of image, in pixels

``

Sets the alternate text for browsers that can't process images (required by the ADA)

Forms

`<form> </form>`

Defines a form

`<select multiple name=? size=?> </select>`

Creates a scrolling menu. Size sets the number of menu items visible before user needs to scroll.

`<select name=?> </select>`

Creates a pulldown menu

`<option>`

Sets off each menu item

`<textarea name=? cols="x" rows="y"> </textarea>`

Creates a text box area. Columns set the width; rows set the height.

`<input type="checkbox" name=? value=?>`

Creates a checkbox.

`<input type="checkbox" name=? value=? checked>`

Creates a checkbox which is pre-checked.

`<input type="radio" name=? value=?>`

Creates a radio button.

`<input type="radio" name=? value=? checked>`

Creates a radio button which is pre-checked.

`<input type="text" name=? size=?>`

Creates a one-line text area. Size sets length, in characters.

`<input type="submit" value=?>`

Creates a submit button. Value sets the text in the submit button.

`<input type="image" name=? src=? border=? alt=?>`

Creates a submit button using an image.

`<input type="reset">`

Creates a reset button

Tables (use only for data layout - use CSS for page layout)

`<table> </table>`

Creates a table

`<tr> </tr>`

Sets off each row in a table

`<td> </td>`

Sets off each cell in a row

`<th> </th>`

Sets off the table header (a normal cell with bold, centered text)

HTML5 input tag attributes

(not all browsers support; visit <http://caniuse.com> for details)

`<input type="email" name=?>`

Sets a single-line textbox for email addresses

`<input type="url" name=?>`

Sets a single-line textbox for URLs

`<input type="number" name=?>`

Sets a single-line textbox for a number

`<input type="range" name=?>`

Sets a single-line text box for a range of numbers

`<input type="date/month/week/time" name=?>`

Sets a single-line text box with a calendar showing the date/month/week/time

`<input type="search" name=?>`

Sets a single-line text box for searching

`<input type="color" name=?>`

Sets a single-line text box for picking a color

Table attributes (only use for email newsletters)

`<table border=?>`

Sets the width of the border around table cells

`<table cellpadding=?>`

Sets amount of space between table cells

`<table cellspacing=?>`

Sets amount of space between a cell's border and its contents

`<table width=?>`

Sets width of the table in pixels or as a percentage

`<tr align=?>`

Sets alignment for cells within the row (left/center/right)

`<td align=?>`

Sets alignment for cells (left/center/right)

`<tr valign=?>`

Sets vertical alignment for cells within the row (top/middle/bottom)

`<td valign=?>`

Sets vertical alignment for cell (top/middle/bottom)

`<td rowspan=?>`

Sets number of rows a cell should span (default=1)

`<td colspan=?>`

Sets number of columns a cell should span

`<td nowrap>`

Prevents lines within a cell from being broken to fit

Font Properties

Font-Family

Changes the font family of certain words, sentences, paragraphs, etc.

P { font-family: "New Century Schoolbook", Times, serif; }

Font-Style

Changes text: normal, oblique, and italics.

H1 { font-style: oblique; }

P { font-style: normal; }

Font-Variant

Used to display font in normal or small-caps.

SPAN { font-variant: small-caps; }

Font-Weight

Used to specify the weight of the font.

H1 { font-weight: 800; } or P { font-weight: normal; }

Font-Size

Used to modify the size of the displayed font.

H1 { font-size: large; } or P { font-size: 12pt; }

LI { font-size: 90%; }

STRONG { font-size: larger; }

Font

Used to combine all properties of fonts.

P { font: italic bold 12pt/14pt Times, serif; }

Color and Background Properties

Color

Changes the color of text.

H1 { color: blue; } or H2 { color: #000080; }

Background-Color

Sets the background color of an element.

BODY { background-color: white; }

H1 { background-color: #000080; }

Background-Image

Sets the background image of an element.

BODY { background-image: url(/images/foo.gif); }

P { background-image: url(http://www.htmlhelp.com/bg.png); }

Background-Repeat

Determines how a specified background image is repeated.

The repeat-x value will repeat the image horizontally while the repeat-y value will repeat the image vertically.

BODY { background: white url(candybar.gif); }

background-repeat: repeat-x; }

Background-Attachment

Determines if a specified background image will scroll with the content or be fixed with regard to the canvas.

BODY { background: white url(candybar.gif); }

background-attachment: fixed; }

Background

Used to combine all properties of background.

BODY { background: white url(http://www.htmlhelp.com/foo.gif); }

BLOCKQUOTE { background: #7fffd4; }

P { background: url(/backgrounds/pawn.png) #f0f8ff fixed; }

TABLE { background: red url(leaves.jpg) no-repeat bottom right; }

Text Properties

Word-Spacing

Defines an additional amount of space between words.

P EM { word-spacing: 0.4em; }

P.note { word-spacing: -0.2em; }

Letter-Spacing

Defines an additional amount of space between characters.

H1 { letter-spacing: 0.1em; }

P.note { letter-spacing: -0.1em; }

Text-Decoration

Allows text to be decorated through one of five properties: underline, overline, line-through, blink, none.

A:link, A:visited, A:active { text-decoration: none; }

Vertical-Align

Used to alter the vertical positioning of an inline element, relative to its parent element or to the element's line.

IMG.middle { vertical-align: middle; }

IMG { vertical-align: 50%; }

.exponent { vertical-align: super; }

Text-Transform

Allows for capitalizing the first letter of each word (capitalize), capitalizing all letters of a word (uppercase), using all small letters in each word (lowercase), and the initial value (none).

H1 { text-transform: uppercase; }

H2 { text-transform: capitalize; }

Text-Align

Used to justify text left, center, right, and justify.

H1 { text-align: center; }

P.newspaper { text-align: justify; }

Text-Indent

Used to specify the amount of indentation prior to the first line of text.

P { text-indent: 5em; }

Line-Height

Used to control the spacing between baselines of text.

P { line-height: 200%; }

Classification Properties

List-Style-Type

Specifies the type of list-item marker, and is used if list-style-image is none or if image loading is turned off.

LI.square { list-style-type: square; }

UL.plain { list-style-type: none; }

OL { list-style-type: upper-alpha; } /* A B C D E etc. */

OL OL { list-style-type: decimal; } /* 1 2 3 4 5 etc. */

OL OL OL { list-style-type: lower-roman; } /* i ii iii iv v etc. */

List-Style-Image

Specifies the image that will be used as list-item marker when image loading is turned on, replacing the marker specified in the list-style-type property.

UL.check { list-style-image: url(/LI-markers/checkmark.gif); }

UL LI.x { list-style-image: url(x.png); }

List-Style-Position

Determines where the marker is placed in regard to the list item. If the value *inside* is used, the lines will wrap under the marker instead of being indented. *outside* is default.

UL { list-style-position: inside; }

Box Properties

Margin-Top

Sets the top margin of an element by specifying a length or a percentage.

```
BODY { margin-top: 5pt; }
```

Margin-Right

Sets the right margin of an element by specifying a length or a percentage.

```
P.narrow { margin-right: 50%; }
```

Margin-Bottom

sets the bottom margin of an element by specifying a length or a percentage.

```
DT { margin-bottom: 3em; }
```

Margin-Left

sets the left margin of an element by specifying a length or a percentage.

```
ADDRESS { margin-left: 50%; }
```

Margin

Sets the margins of an element by specifying top, bottom, left and right margins -- all either specifying length or percentage.

```
BODY { margin: 5em; } /* all margins 5em */
```

```
P { margin: 2em 4em; } /* top & bottom 2em, left & right 4em */
```

```
DIV { margin: 1em 2em 3em 4em; }
```

```
/* top margin 1em, right 2em, bottom 3em, left 4em */
```

Padding-Top

Describes the amount of space between the top border and the content of the selector.

```
P { padding-top: 20%; }
```

Padding-Right

Describes the amount of space between the right border and the content of the selector.

```
P { padding-right: 20 px; }
```

Padding-Bottom

Describes the amount of space between the bottom border and the content of the selector.

```
P { padding-bottom: 5 em; }
```

Padding-Left

Describes the amount of space between the left border and the content of the selector.

```
P { padding-left: 15 pt; }
```

Padding

Shorthand for the padding-top, padding-right, padding-bottom, and padding-left properties.

```
BLOCKQUOTE { padding: 2em 4em 5em 4em; }
```

Border-Top-Width

Used to specify the width of an element's top border.

```
P { border-top: 20%; }
```

Border-Right-Width

Used to specify the width of an element's right border.

```
P { border-right: 20%; }
```

Border-Bottom-Width

Used to specify the width of an element's bottom border.

```
P { border-bottom: 20%; }
```

Border-Left-Width

Used to specify the width of an element's left border.

```
P { border-left: 20%; }
```

Border-Width

Used to set the width of an element's border (either all borders, or specifying top border, right border, bottom border, left border).

```
P { border-width: 20%; }
```

```
P { border-width: 10px 5px 10px 5px; }
```

Border-Color

Used to set the color of an element's border.

```
P { border-color: #00000; }
```

Border-Style

Sets style of a border - none, dotted, dashed, solid, double.

```
P { border-style: dotted; }
```

Border-Top

Sets the width, style, and color of an element's top border.

```
P { border-top: 10px, red, double; }
```

Border-Right

Sets the width, style, and color of an element's right border.

```
P { border-right: 10px, red, double; }
```

Border-Bottom

Sets the width, style, and color of an element's bottom border.

```
P { border-bottom: 10px, red, double; }
```

Border-Left

Sets the width, style, and color of an element's left border.

```
P { border-left: 10px, red, double; }
```

Border

Sets the width, style, and color of an element's border.

```
P { border: 10px, red, double; }
```

Width

Each block-level or replaced element can be given a width, specified as a length, a percentage, or as auto.

```
P { width: 15px; }
```

```
H1 { width: 35%; }
```

```
.foo { width: auto; }
```

Height

Each block-level or replaced element can be given a height, specified as a length or as auto.

```
P { height: 15px; }
```

```
H1 { height: 35%; }
```

```
.foo { height: auto; }
```

Float

Allows text to wrap around an element (left, right, none).

```
P { float: left; }
```

```
H1 { float: right; }
```

```
.foo { float: none; }
```

Clear

Specifies whether an element allows floating elements to its sides (left, right, none).

```
P { clear: left; }
```

```
H1 { clear: right; }
```

```
.foo { clear: none; }
```