

HTML CHEATSHEET

Getting Started

- Create a new folder to hold all files related to the web page—html code, images, sounds, etc. Everything must be saved in the same folder!!!
- Open TextEdit and select TextEdit—Preferences. Make the following changes:
 - On the New Document Tab, select Plain Text. Change the window size to 170 characters and 60 lines. Change the Plain Text font to Verdana Regular 16. Uncheck smart quotes and smart dashes at bottom.
 - On the Open & Save Tab, select Display HTML files as HTML code. Uncheck “Add .txt extensions to . . .”
- Start a new file in TextEdit:
 - Select Format—Wrap to Window
 - Immediately save the file to the folder you created. Be sure to add .html to the filename!
- For fancier headings/designs, create them in LucidPress: 1) Select all of the objects (Command-A or hold Command & click on each), (2) Group (Command-G), (3) Select File—Download As—Select PNG or PNG with transparent background.

Online Resources

Editor: <https://html5-editor.net>

Colors: <http://html-color-codes.info/> or

[https://www.w3schools.com/colors/colow`rs\\_names.asp](https://www.w3schools.com/colors/colow`rs_names.asp)

Help: www.w3schools.com

Screen Resolution: 1366 pixels x 768 pixels

Basic Tags

<html>*all code***</html>** Creates an HTML document

<head>*page information***</head>** Includes the title and other page formatting information

<title>*name of web page***</title>** Will be displayed in the tab

<style>*CSS styles***</style>** list all styles to be set using CSS

<body>*code & text***</body>** Marks the start & end of the visible doc

<main>*code & text***</main>** Identifies the main content of the doc

<section>*code & text***</section>** Defines a small section of the doc

<header>*code & text***</header>** Defines a header for a doc or section

<footer>*code & text***</footer>** Defines a footer for a doc or section

<nav>*code & text***</nav>** Defines navigation links

To start a new web page:

```
<!DOCTYPE html>
<html>

<head>
  <title>page name in tab</title>
  <style>
    All CSS styles here
  </style>
</head>

<body>
  Enter all text & pics to be
  visible on the page here
</body>
</html>
```

Text Tags

<h1>text</h1> Creates the largest headline; leaves blank line after

<h6>text</h6> Creates the smallest headline; leaves a blank line

text Italicizes a word (indicates importance)

text Boldface a word (indicates importance)

Links

To another web page:

word(s) to click on Creates a hyperlink

word(s) to click on Creates a mailto link

word(s) to click on
Creates an image/link

** word(s) to click on**
Opens link in new tab

To link on same page:

words visible at anchor point (if desired)
Creates an anchor point—No spaces in the name!

** word(s) to click on** Links to an anchor point elsewhere in the document

Formatting

<p>text</p> Creates a new paragraph

<p style = "text-align: center"> Aligns a paragraph to the left (default), right, or center.

**
** Inserts a line break

<blockquote>text</blockquote> Indents text from both sides

text Creates a numbered list—place only at top & bottom of list

text Creates a bulleted list—place only at top & bottom of list

entry Precedes and follows each list item—adds the number or bullet in front of the entry

**** Adds an image

**** Sets size of image

**** Adds image with a black border 5 pixels wide

<table style = "margin-left: auto; margin-right: auto;">

Web Safe Fonts

Arial

Arial Black

Book Antiqua

Comic Sans MS

Georgia

Helvetica

Impact

Lucida Sans Unicode

Monaco

Palatino Linotype

Tahoma

Times New Roman

Trebuchet MS

Verdana

Bulleted List

```
<ul>
  <li>item 1</li>
  <li>item 2</li>
  <li>item 3</li>
</ul>
```

Numbered List

```
<ol>
  <li>item 1</li>
  <li>item 2</li>
  <li>item 3</li>
</ol>
```

Table

```
<table>
  <tr>
    <th>text</th>
    <th>text</th>
    <th>text</th>
  </tr>
  <tr>
    <td>text</td>
    <td>text</td>
    <td>text</td>
  </tr>
</table>
```

Cascading Style Sheets (CSS)

For entire document:

```
<head>
  <title>web page name</title>
  <style>
    body {
      background-color: yellow;
      color: blue;
      font-family: impact;
    }
    h1 {
      text-align: center;
      color: green;
    }
  </style>
</head>
```

For individual section or element:

```
<section style="background-color:purple;
color:white;">
  Enter all text, images, etc.
</section>
```

```
<h3 style="color:red; font-family:arial;">
  Enter all text, images, etc.
</h3>
```

Backgrounds & Colors

color: *red*;

background-color: *white*;

background-image: *image.gif*;

Element Color - eg. red | #ff0000

Background Color of element

Background image

Text Styles

color: *red*;

text-align: *left*;

text-decoration: *underline*;

text-shadow: *3px 2px red*;

text-transform: *uppercase*;

text-indent: *50px*;

font-family: *fontname*;

font-size: *16pt*;

font-weight: *bold*;

Text color - eg. red | #ff0000

Horizontal Alignment - left | center | right

Text Decorations - eg. none | underline | line-through

Sets horizontal shadow, vertical shadow, shadow color

Set text for all uppercase, lowercase, or capitalize

Have text-indent a set amount

Font Face (Typeface) - eg. Verdana, Arial, Helvetica

Font Size or Height - eg. 12pt | 15px

Font Weight (Boldness) - eg. bold | normal | 200

Size and Layout

width: *400px*;

height: *100%*;

margin: *5px*;

margin-top: *1px*;

padding: *5px*;

padding-top: *1px*;

Width of HTML element - eg. 100px | 50%

Height of HTML element - eg. 20px | 100%

Margin - space around an element, or distance between two elements

Top Margin. Also try -bottom: -left: or -right:

Padding - distance between an element's inside contents and its border

Top Padding. Also try -bottom: -left: or -right:

Links

a:link	A normal, unvisited link
a:visited	A link the user has visited
a:hover	A link when the user mouses over it
a:active	A link the moment it is clicked

Borders

	Style choices: dotted, dashed, solid, double, groove, ridge, inset, outset,
border: <i>1px solid blue</i> ;	Width, style and color of border
border-color: <i>#ff0033</i> ;	Sets the color of the four borders
border-style: <i>double</i> ;	Sets the style of the four borders
border-radius: <i>15px</i> ;	Creates rounded corners
border-width: <i>5px</i> ;	Sets the width of the four borders
border-bottom: <i>2px dotted red</i> ;	Sets all the bottom border properties in one declaration
border-left:	Sets all the left border properties in one declaration
border-right:	Sets all the right border properties in one declaration
border-top:	Sets all the top border properties in one declaration