

Web Development Cheat Sheet

HTML

<!DOCTYPE html>

shows that this document is written in HTML5

/* Comment */

Creates comments not visible on webpage

<html> </html>

describes the HTML document

<head> </head>

Provides information about the document that are not visible on the webpage.

<title> </title>

Puts name of the document in the title bar

<body> </body>

Describes all visible page content

<h1> </h1> ... <h6> </h6>

Creates headlines; H1 is the smallest, H2 is the largest

<p> </p>

Creates a new paragraph

**
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Inserts a line break

<hr>

Inserts a horizontal rule

<div> </div>

Used to format block content

** **

Used to format inline content

** **

Emphasizes a word using Italics

** **

Emphasizes a word using bold

clickable text

Creates a hyperlink to a URL

clickable

text

Creates a hyperlink to an email address

clickable text

Creates a link to the target ID on the webpage

Adds image; LINK can be local file or URL

Sets the alternate text for browsers that can't process images

** **

Creates an unordered list

** **

Creates an ordered list

** **

Encompasses each list item

<... class="NAME">

Classes are used for styles, can be reused

<... id="NAME">

ID's are used for titles, can only be used once

CSS

<link rel="stylesheet" type="text/css" href="CSS FILE" />

Goes in HTML file to link CSS

background-color: COLOUR;

Changes background colour

background-image: url(LINK);

Adds an image to the background; LINK can be local or a URL

background-repeat: [repeat | no-repeat | repeat-x | repeat-y];

Determines the way the background should repeat

background-position: [top | center | bottom | left | right];

Determines the position of the background

background: background-color background-image background-repeat background-position;

Shorthand for background property values

border-width: [% | px | em];

Determines the width of the border

border-style: [solid | dotted | dashed | none];

Determines the style of the border

border-color: COLOUR;

Changes border colour

border-radius: [% | px | em];

Rounds borders around element

border: border-width border-style border-color;

Shorthand for border properties

height: [auto | % | px | em];

Describes element's height

width: [auto | % | px | em];

Describes element's width

margin: top right bottom left;

Creates space around elements outside border

padding: top right bottom left;

Creates space around elements inside border

display: [block | inline | inline-block | table | none];

Changes how an element is displayed

visibility: [hidden | visible];

Describes visibility

color: COLOUR;

Changes font colour

opacity: [NUMBER BETWEEN 0 AND 1];

Determines the opacity of an element

font-family: FONT;

Determines the font family

font-style; [normal | italic | oblique];

Changes the style of the font

font-size: [% | pt | px | em];

Changes the font size

font-weight: [normal | bold | bolder];

Changes the weight of the font

font: font-style font-weight font-size font-family

Shorthand for font properties

text-transform: [none | uppercase | lowercase];

Transforms the text

text-decoration: [none | underline | line-through];

Decorates the text

word-spacing: [% | px | em];

Changes the space size between words

letter-spacing: [% | px | em];

Changes the space between letters

Pseudo Classes:

:hover

An element when the mouse is over it

:link

An unvisited link

:visited

A visited link

Measurement:

% - Percentage

pt - Point (1/72 inch)

em - current font size of element

px - Pixel of viewing device

Selectors:

h1 {...}

Styles all element of that type

.className {...}

Styles for many elements sharing a class

#idName {...}

Styles for an ID

h1, h2, h3 {...}

Styles occur with multiple elements of different types

h1 p {...}

Styles occur when <p> is below <h1>

h1 > p {...}

Styles occur when <p> is directly below <h1>