

Handout #2 - CSS

Properties

<u>property</u>	<u>description</u>
display	how an element is displayed: none, block, inline, flex
background	background color or image
color	text color
border	how the border around the content will look
margin	whitespace outside the element's border
padding	whitespace inside the element's border
width	the width of the element
height	the height of the element
box-sizing	how the width and height of the element is calculated
font	completely replace the current font
font-family	change the current font family
font-size	change the current font size
font-weight	change the current font boldness
font-style	change the current font italization
text-decoration	none, underline, overline, line-through
border-radius	round the corners of any box
text-shadow	drop-shadow for text (x y blur color)
box-shadow	drop-shadow for boxes (x y blur spread color)

Measurements

<u>measurement</u>	<u>description</u>
px	pixel, varies with screen density
pt	point, approximately 1/72 inch
%	relative %
em	relative to current font size
rem	relative to root font size
vw	1vw = 1% of viewport width
vh	1vh = 1% of viewport height

Some items intentionally omitted

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Selectors

<u>selector</u>	<u>description</u>
*	"Universal" Selector - select all elements
foo	Type Selector - select elements of a specific type
.foo	Class Selector - select elements that have a specific class
#foo	ID Selector - select the element with a specific ID
foo bar	Descendent Selector - select elements that are inside of other elements
foo > bar	Direct Child Selector - select elements that are directly inside of other elements
foo, bar	Selector List - select multiple groups of elements

Media Queries

<u>media query</u>	<u>description</u>
@media only screen {	only apply these styles on devices that have a screen
@media only print {	only apply these styles when printing
@media only speech {	only apply these styles for speech synthesizers (aka. screen readers)
@media only screen and (min-width: 900px) {	only apply these styles on screens wider than 900px
@media only screen and (prefers-color-scheme: dark) {	only apply these styles in dark mode

Some items intentionally omitted