



## CSS Properties: An Introduction

This is not an exhaustive list of CSS properties, but it covers the ones with which we will work this semester.

### CSS SYNTAX

- **The CSS syntax is made up of three parts: a selector, a property and a value:**  

```
selector {property:value;}
```
- **If the value is multiple words, put quotes around the value:**  

```
p {font-family:"sans serif";}
```
- **If you want to specify more than one property, you must separate each property with a semicolon.** The example below shows how to define a center aligned paragraph, with a red text color:  

```
p {text-align:center;
    color:red;}
```
- **End each style rule with a semi-colon.**

FONT AND TEXT PROPERTIES		
Property Name	Description	Possible Values
font-family	Specifies the font family for text	family-name (specify) or generic-family~ [serif, sans-serif, cursive, fantasy, monospace]
font-style	Specifies the font style for text	normal   italic   oblique
font-weight	Specifies the weight of a font	normal   bold   bolder   lighter   100   200   300   400   500   600   700   800   900
font-size	Specifies the font size of text	absolute-size   relative-size   length   percentage
font-variant	Specifies whether or not a text should be displayed in a small-caps font	normal   small-caps
text-decoration	Specifies the decoration added to text	none   underline   overline   line-through   blink
text-transform	Controls the capitalization of text	none   capitalize   uppercase   lowercase
text-align	Specifies the horizontal alignment of text	left   right   center   justify
text-indent	Specifies the indentation of the first line in a text-block	length   percentage
text-transform	Controls the capitalization of text	none   capitalize   lowercase   uppercase   inherit
letter-spacing	Increases or decreases the space between characters in a text	length   normal   inherit
word-spacing	Increases or decreases the space between words in a text	length   normal   inherit
line-height	Sets the line height	normal   number   length   percentage



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<b>BOX PROPERTIES</b>		
<b>Property Name</b>	<b>Description</b>	<b>Possible Values</b>
margin	Sets all the margin properties in one declaration	length   percentage   auto
margin-top	Sets the top margin of an element	length   percentage   auto
margin-right	Sets the right margin of an element	length   percentage   auto
margin-bottom	Sets the bottom margin of an element	length   percentage   auto
margin-left	Sets the left margin of an element	length   percentage   auto
padding-top	Sets the top padding of an element	length   percentage
padding-right	Sets the right padding of an element	length   percentage
padding-bottom	Sets the bottom padding of an element	length   percentage
padding-left	Sets the left padding of an element	length   percentage
border-color	Sets the color of the four borders	color
border-style	Sets the style of the four borders	solid   double   groove   ridge   inset   outset
border	Sets all the border properties in one declaration	border-width   border-style   color

<b>CLASSIFICATION PROPERTIES</b>		
<b>Property Name</b>	<b>Description</b>	<b>Possible Values</b>
Display	Specifies the type of box an element should generate	block   inline   list-item   none
Whitespace	Specifies how white-space inside an element is handled	normal   pre   nowrap
List Style Type	Specifies the type of list-item marker	disc   circle   square   decimal   lower-roman   upper-roman   lower-alpha   upper-alpha   none
List Style Image	Specifies an image as the list-item marker	<url>   none



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POSITION		
Property Name	Description	Possible Values
position	Specifies the type of positioning for an element	absolute   relative
top	Sets the top margin edge for a positioned box	length   percentage   auto
left	Sets the left margin edge for a positioned box	length   percentage   auto
visibility	Specifies whether or not an element is visible	hidden   visible   inherit
z-index	Sets the stack order of an element	number   auto
overflow	Specifies what happens if content overflows an element's box	visible   hidden   auto

COLOR AND BACKGROUND		
Property Name	Description	Possible Values
color	Sets the color of text	color
background-color	Sets the background color of an element	color   transparent
background-image	Sets the background image for an element	url   none
background-repeat	Sets how a background image will be repeated	repeat   repeat-x   repeat-y   no-repeat
background-attachment	Sets whether a background image is fixed or scrolls with the rest of the page	scroll   fixed
background-position	Sets the starting position of a background image	[percentage   length]{1,2}   [top   center   bottom]    [left   center   right]