

# CSS

## Cheat Sheet



# Selectors

<code>*{}</code>	Universal Selector
<code>#id {}</code>	ID Selector
<code>.class {}</code>	Class Selector
<code>h1, h2{}</code>	Type Selector
<code>h1+p {}</code>	Adjacent Sibling Selector
<code>ul &gt; li{}</code>	Child Selector
<code>h1 ~ p {}</code>	General Sibling Selector
<code>p a{}</code>	Descendant Selector
<code>div[att="val"]{}</code>	Attribute Selector

# Units

<code>%</code>	Percentage
<code>cm</code>	Centimeter
<code>in</code>	Inch
<code>mm</code>	Millimeter
<code>pc</code>	Pica (1 pica = 12 points)
<code>pt</code>	Point (1 point = 1/72 inch)
<code>px</code>	Pixel (1 pixel = 1/96 inch)
<code>ch</code>	Width of the "0" glyph in the font size
<code>em</code>	1em = Current font size
<code>ex</code>	X-height of the element's font
<code>gd</code>	Grid defined by 'layout-grid'
<code>rem</code>	Font size of the root element
<code>vh</code>	Viewport's height
<code>vw</code>	Viewport's width
<code>vm</code>	Smaller of viewport's height or width

# Pseudo Selectors

<code>:active</code>	Activated element
<code>:focus</code>	Focused element
<code>:hover</code>	Hovered element
<code>:link</code>	Unvisited link
<code>:disabled</code>	Disabled element
<code>:enabled</code>	Enabled element
<code>:checked</code>	Checked element
<code>:nth-child(n)</code>	N-th sibling
<code>:nth-last-child(n)</code>	N-th sibling from the end
<code>:first-child</code>	First sibling
<code>:last-child</code>	Last sibling
<code>:only-child</code>	Only child
<code>:nth-of-type(n)</code>	N-th sibling of its type
<code>:nth-last-of-type(n)</code>	N-th sibling of its type from end
<code>:last-of-type</code>	Last sibling of its type
<code>:first-of-type</code>	First sibling of its type
<code>:only-of-type</code>	Only child of its type
<code>:empty</code>	Element with no children
<code>:root</code>	Root element
<code>:not(x)</code>	Element not matching 'x'
<code>:target</code>	Target element specified by a URI
<code>::first-letter</code>	Style for the first letter of text
<code>::first-line</code>	Style for the first line of text
<code>::before</code>	Insert content before an element
<code>::after</code>	Insert content after an element

## List Styling

```
// List Style
list-style-type: disc | circle | square | none;

// List Position
list-style-type: inside | outside;

// List Image
list-style-img: url()
```

## Position

```
// Position
position: static | relative | absolute | fixed | sticky;

// Position Element
top | right | bottom | left

// Float Element
float: left | right | none

// Z-index
z-index: 3 | auto | none

// Clear Floating
clear: none | left | right | both
```



# Background

`background-color: #FFF2EB`

`background-image: url()`

`background-repeat: repeat-x | repeat-y | repeat | space | round  
| no-repeat`

`background-attachment: scroll | fixed | local | initial | inherit`

`background-position: top | right | bottom | left | center`

# Font Properties

`font-style: normal | italic | oblique`

`font-variant: normal | small-caps`

`font-size: 13px | 0.8rem | 80%`

`font-weight: normal | bold | bolder | lighter | 100-900`

`letter-spacing: normal | 4px`

`line-height: normal | 3rem | 34%`

`font-family: 'Open sans', sans-serif`

## Text Properties

`text-align: left | right | center | justify`

`text-transform : capitalise | lowercase | uppercase`

`text-indent: 23px`

`vertical-align: baseline | 10px | sub | super | top | text-top  
| middle | bottom | text-bottom | initial`

`text-align-last: auto | left | right | center | justify  
| start | end | initial | inherit`

`text-decoration: none | underline | overline | line-through`

`text-justify: auto | inter-word | inter-character | none  
| initial | inherit`

`text-overflow: clip | ellipsis | string | initial | inherit`

`text-shadow: h-shadow v-shadow | blur-radius color | none  
| initial | inherit`

## Transition

```
transition-timing-function: ease | linear | ease-in | ease-out  
                           | ease-in-out | cubic-Bezier(num,num,num,num);  
  
transition-property: none | all  
  
transitions-delay: time;  
  
transitions-duration: time;  
  
transition: transitions-property transitions-duration  
            transitions-timing-function transitions-delay;
```

## Animation

```
animation-timing-function: ease | linear | ease-in | ease-out | ease-in-out  
                           | cubic-Bezier (number, number, number, number)  
  
animation-name: none | IDENT;  
  
animation-duration : time;  
  
animation-delay: time;  
  
animation-iteration-count : inherit | number;  
  
animation-direction: normal | alternate;  
  
rotation: angle rotation-point position;  
  
animation-play-state: running | paused;  
  
// shorthand  
animations: animation-name animation-duration animation-timing-function  
            animation-delay animation-iteration-count animation-direction
```

# Transform

```
// 2D Transform
transform: translate(x, y): Translate (move) element
transform: rotate(angle): Rotate element around a specified angle
transform: scale(x, y): Scale element
transform: skew(x-ang,y-ang): Skew (slant) element
transform: skewX(angle): Skew (slant) element along the X-axis
transform: skewY(angle): Skew (slant) element along the Y-axis

// 3D Transform
transform: translate3d(x, y, z): Translate (move) element
transform: rotateX(angle): Rotate element around the X-axis
transform: rotateY(angle): Rotate element around the Y-axis
transform: rotateZ(angle): Rotate element around the Z-axis
transform: scale3d(x, y, z): Scale element
transform: perspective(value): Set the perspective view
```