



# CSS cheatsheet

## Selectors

<code>.class {   font-weight: bold; }</code>	
<code>*</code>	All elements
<code>div</code>	Element
<code>.class</code>	Class
<code>#id</code>	ID
<code>[disabled]</code>	Attribute
<code>[role="dialog"]</code>	Attribute

## Combinators

<code>.parent .child</code>	Descendant
<code>.parent &gt; .child</code>	Direct descendant
<code>.child + .sibling</code>	Adjacent sibling
<code>.child ~ .sibling</code>	Far sibling
<code>.class1.class2</code>	Have both classes

## Pseudo-classes

<code>:target</code>	eg, h2#foo:target
<code>:disabled</code>	
<code>:focus</code>	
<code>:active</code>	
<code>:nth-child(3)</code>	3rd child
<code>:nth-child(3n+2)</code>	2nd child in groups of 3
<code>:nth-child(-n+4)</code>	
<code>:nth-last-child(2)</code>	
<code>:nth-of-type(2)</code>	
<code>:checked</code>	Checked inputs
<code>:disabled</code>	Disabled elements
<code>:default</code>	Default element in a group
<code>:empty</code>	Elements without children

## Attribute selectors

<code>[role="dialog"]</code>	= Exact
<code>[class~="box"]</code>	~= Has word
<code>[class]="box"</code>	= Exact or prefix (eg, value-)
<code>[href\$=".doc"]</code>	=\$ Ends in
<code>[href^="/index"]</code>	^= Begins with
<code>[class*="-is-"]</code>	*= Contains

## Pseudo-class variations

<code>:first-of-type</code>
<code>:last-of-type</code>
<code>:nth-of-type(2)</code>
<code>:only-of-type</code>
<code>:first-child</code>
<code>:last-child</code>
<code>:nth-child(2)</code>
<code>:only-child</code>

## # Fonts

### Properties

<code>font-family:</code>	<font>, <fontN>
<code>font-size:</code>	<size>
<code>letter-spacing:</code>	<size>
<code>line-height:</code>	<number>
<code>font-weight:</code>	bold normal
<code>font-style:</code>	italic normal
<code>text-decoration:</code>	underline none
<code>text-align:</code>	left right center justify
<code>text-transform:</code>	capitalize uppercase lowercase

### Shorthand

<code>font:</code>	italic	400	14px	/	1.5	sans-serif
	style	weight	size (required)		line-height	family (required)

### Example

```
font-family: Arial;  
font-size: 12pt;  
line-height: 1.5;  
letter-spacing: 0.02em;  
color: #aa3322;
```

### Case

```
text-transform: capitalize; /* Hello */  
text-transform: uppercase; /* HELLO */  
text-transform: lowercase; /* hello */
```

## # Background

### Properties

<code>background:</code>	(Shorthand)
<code>background-color:</code>	<color>

### Shorthand

<code>background:</code>	#ff0	url(bg.jpg)	left	top	/	100px auto	no-repeat	fixed;
<code>background:</code>	#abc	url(bg.png)	center	center	/	cover	repeat-x	local;

background-image:	url(...)
background-position:	left/center/right top/center/bottom
background-size:	cover X Y
background-clip:	border-box padding-box content-box
background-repeat:	no-repeat repeat-x repeat-y
background-attachment:	scroll fixed local

color	image	positionX	positionY	size	repeat	attachment
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## Multiple backgrounds

```
background: linear-gradient(to bottom, rgba(0, 0, 0, 0.5), rgba(0, 0, 0, 0.5)),
  url('background.jpg') center center / cover, #333;
```

## # Animation

### Properties

animation:	(shorthand)
animation-name:	<name>
animation-duration:	<time>ms
animation-timing-function:	ease linear ease-in ease-out ease-in-out
animation-delay:	<time>ms
animation-iteration-count:	infinite <number>
animation-direction:	normal reverse alternate alternate-reverse
animation-fill-mode:	none forwards backwards both initial inherit
animation-play-state:	normal reverse alternate alternate-reverse

### Shorthand

animation:	bounce	300ms	linear	100ms	infinite	alternate-reverse	both	reverse
	name	duration	timing-function	delay	count	direction	fill-mode	play-state

### Example

```
animation: bounce 300ms linear 0s infinite normal;
animation: bounce 300ms linear infinite;
animation: bounce 300ms linear infinite alternate-reverse;
animation: bounce 300ms linear 2s infinite alternate-reverse forwards normal;
```

### Event

```
.one('webkitAnimationEnd oanimationend msAnimationEnd animationend')
```



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