HTML Cheat Sheet.com / CSS

Selectors

*	all elements
div	all div tags
div,p	all divs and paragraphs
div p	paragraphs inside divs
div > p	all p tags, one level deep in div
div + p	p tags immediately after div
div ~ p	p tags preceded by div
.classname	all elements with class
#idname	element with ID
div.classname	divs with certain classname
div#idname	div with certain ID
#idname *	all elements inside #idname

Pseudo classes

a:link	link in normal state
a:active	link in clicked state
a:hover	link with mouse over it
a:visited	visited link
p::after{content:"yo";}	add content after p
p::before	add content before p
input:checked	checked inputs
input:disabled	disabled inputs
input:enabled	enabled inputs
input:focus	input has focus
input:in-range	value in range
input:out-of-range	input value out of range
input:valid	input with valid value
input:invalid	input with invalid value
input:optional	no required attribute
input:required	input with requred attribute
input:read-only	with readonly attribute
input:read-write	no readonly attrib.
div:empty	element with no children
p::first-letter	first letter in p
p::first-line	first line in p
p:first-of-type	first of some type
p:last-of-type	last of some type
p:lang(en)	p with en language attribute
:not(span)	element that's not a span
p:first-child	first child of its parent
p:last-child	last child of its parent
p:nth-child(2)	second child of its parent
p:nth-child(3n+1)	nth-child (an + b) formula
p:nth-last-child(2)	second child from behind
p:nth-of-type(2)	second p of its parent
p:nth-last-of-type(2)	...from behind
p:only-of-type	unique of its parent
p:only-child	only child of its parent
:root	documents root element
::selection	portion selected by user
:target	highlight active anchor

Attribute selectors

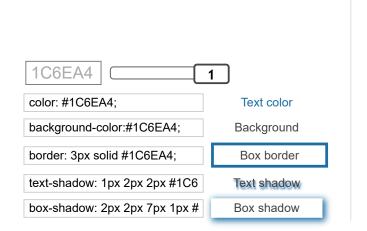|	
a[target]	links with a target attribute
a[target="_blank"]	links which open in new tab
[title~="chair"]	title element containing a word
[class^="chair"]	class starts with chair
[class|="chair"]	class starts with the chair word
[class*="chair"]	class contains chair

Basics

Syntax

```
selector{
    property: value;
    property2: value2;
}
```

Include external css file

```
<link rel="stylesheet" type="text/css" href="/style
```

Internal styles

```
<style type="text/css">
    div { color: #444;}
</style>
```

Inline styles

```
<tag style="property: value"> </tag>
```

Clearfix

```
.clearfix:after {
    clear: both;
    content: " ";
    display: block;
    font-size: 0;
    height: 0;
    visibility: hidden;
}
.clearfix { display: inline-block; }
* html .clearfix { height: 1%; }
.clearfix { display: block; }
```

Box model

margin
border
padding
content

Properties

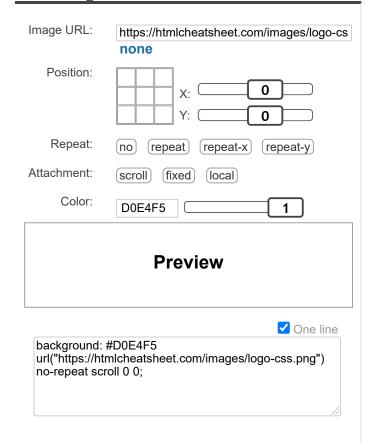|	
align-content	behavior of the flex-wrap property
align-items	
	alignment for items inside the container
align-self	alignment for the selected item
all	changes all properties
animation	binds an animation to an element
animation-delay	delays animation start
animation-direction	
	reverse animation or in alternate cycles
animation-duration	animation duration in seconds or ms
animation-fill-mode	style when the animation is not playi
animation-iteration-count	number of an animation replay
animation-name	name for the @keyframes animation
animation-play-state	the animation is running or paused
animation-timing-function	speed curve of an animation
backface-visibility	

[class$="chair"]   *class ends with chair*
input[type="button"] *specified input type*

Color Picker

```
1C6EA4                    1
```

color: #1C6EA4;	Text color
background-color:#1C6EA4;	Background
border: 3px solid #1C6EA4;	Box border
text-shadow: 1px 2px 2px #1C6	Text shadow
box-shadow: 2px 2px 7px 1px #	Box shadow

Background

Image URL: `https://htmlcheatsheet.com/images/logo-cs`
none

Position: X: `0`
               Y: `0`

Repeat: no   repeat   repeat-x   repeat-y

Attachment: scroll   fixed   local

Color: `D0E4F5`   `1`

Preview

☑ One line

```
background: #D0E4F5
url("https://htmlcheatsheet.com/images/logo-css.png")
no-repeat scroll 0 0;
```

Gradient

`1C6EA4`   `2388CB`   `144E75`

---

is element visible when not facing the screen
background
 all background properties in one declaration
background-attachment
 is the background image fixed or scrolls
background-blend-mode
 blending mode of each background layer
background-clip   *painting area of the background*
background-color   *background color*
background-image   *background image*
background-origin
 where the background image is positioned
background-position
 starting position of the background image
background-repeat
 the way the background image is repeated
background-size   *background image size*
border   *sets all border properties in one line*
border-bottom   *bottom border properties in one line*
border-bottom-color *color of the bottom border*
border-bottom-left-radius *border bottom left radius*
border-bottom-right-radius *border bottom right radius*
border-bottom-style *border bottom style*
border-bottom-width *border bottom width*
border-collapse   *border collapse*
border-color   *border color*
border-image   *sets an image as border*
border-image-outset
 border image area extends beyond the border box
border-image-repeat
 border image repeated, rounded or stretched
border-image-slice   *how to slice the border image*
border-image-source *path to the border image*
border-image-width   *border image width*
border-left   *left border properties in one line*
border-left-color   *border left color*
border-left-style   *border left style*
border-left-width   *border left width*
border-radius
 border radius of the four rounded corners
border-right   *right border properties in one line*
border-right-color   *border right color*
border-right-style   *border right style*
border-right-width   *border right width*
border-spacing   *border spacing*
border-style   *border style*
border-top   *top border properties in one line*
border-top-color   *border top color*
border-top-left-radius *border top left radius*
border-top-right-radius *border top right radius*
border-top-style   *border top style*
border-top-width   *border top width*
border-width   *border width*
bottom
 bottom offset for relative and absolute elements
box-shadow   *shadow to element*
box-sizing   *box sizing properties*
caption-side   *placement of a table caption*
clear   *deny floating of an element*
clip   *clip an absolutely positioned element*
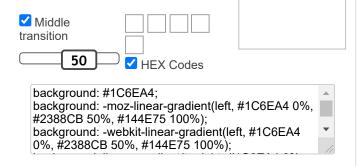**color**   *text color*
column-count   *divide the content in columns*
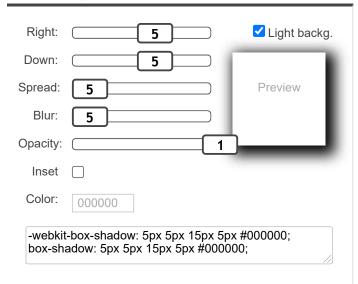**column-fill**   *balanced fill or not*
column-gap   *gap between the columns*
column-rule
 separator between columns, like border
column-rule-color   *column rule color*
column-rule-style   *column rule style*
column-rule-width   *column rule width*
column-span   *column span*

☑ Middle transition

☑ HEX Codes

50

```
background: #1C6EA4;
background: -moz-linear-gradient(left, #1C6EA4 0%,
#2388CB 50%, #144E75 100%);
background: -webkit-linear-gradient(left, #1C6EA4
0%, #2388CB 50%, #144E75 100%);
```

Box Shadow

Right: 5

Down: 5

Spread: 5

Blur: 5

Opacity: 1

Inset ☐

☑ Light backg.

Preview

Color: 000000

```
-webkit-box-shadow: 5px 5px 15px 5px #000000;
box-shadow: 5px 5px 15px 5px #000000;
```

Button Generator

Color: FFFFFF

Size: 16

Padding: 6

Radius: 10

Change gradient, shadow, font and border in other panels.

CSS Button

```
.myButton {
color: rgb(255, 255, 255); font-size: 16px; line-height:
16px; padding: 6px; border-radius: 10px; font-family:
Georgia, serif; font-weight: normal; text-decoration:
```

Text Shadow

column-width	*column width*
columns	*set column-width and column-count*
content	
insert content :before and :after elements	
counter-increment	*count sections*
counter-reset	*reset counter*
cursor	*cursor type when element is hovered*
direction	*writing direction, Arabic is using rtl*
display	*box display type*
empty-cells	
hide borders and background on empty table cells	
filter	
image effects: grayscale, blur, invert etc.	
flex	
item length, relative to others inside the container	
flex-basis	*initial length of a flexible item*
flex-direction	*direction of the flexible items*
flex-flow	
shorthand for flex-direction and flex-wrap	
flex-grow	
how much the item will grow relative other items	
flex-shrink	
how to shrink the item relative to other items	
flex-wrap	*wrap flexible items*
float	*float elements left or right*
font	*all font properties in one line*
@font-face	*declare non-web-safe fonts*
font-family	*font of the element*
font-size	*font size*
font-size-adjust	
control font size if the first declared option is not available	
font-stretch	*widen or narrow text*
font-style	*font style: normal, italic, oblique*
font-variant	*set small-caps*
font-weight	*use bold or thin characters*
hanging-punctuation	
can a punctuation mark be placed outside the line box?	
height	*height of the element*
justify-content	
justifies flexible container's items horizontally if necessary	
@keyframes	*specifies the animation code*
left	
left offset for relative and absolute elements	
letter-spacing	*space between characters*
line-height	
line height of text or inline-block elements	
list-style	*all list properties in one line*
list-style-image	
replace the list item marker with an image	
list-style-position	
list item markers inside or outside the content flow	
list-style-type	*set the type of the list item marker*
margin	
set the top, right, bottom and left margins in one line	
margin-bottom	*bottom margin*
margin-left	*left margin*
margin-right	*right margin*
margin-top	*margin top*
max-height	*maximum height of element*
max-width	*maximum width of element*
@media	*see media queries*
min-height	*minimum height*
min-width	*minimum width*
nav-down	
where to navigate when the the arrow-down button is pressed	
nav-index	*sets sequential navigation order*
nav-left	
where to navigate when the the arrow-left button is pressed	
nav-right	

☑ Light background

PREVIEW

Right: ———————[2]——————

Down: ———————[2]——————

Blur: —[2]————————————

Opacity: ——————————————[1]

Color: [1C6EA4]

[Neon] [Flaming] [Lux] [Shad] [Candy] [Deep]

more...

```
text-shadow: 2px 2px 2px #1C6EA4;
```

Font Generator

☑ Light background

Grumpy wizards make toxic brew
for the evil Queen and Jack.

Font: [Georgia]

Size: ———————[16]——————

Letter spc: ———————[0]——————

Word spc: ———————[0]——————

Color: [000000]

Weight: [Normal] [**Bold**]

Decoration: [**None**] [<u>Under</u>] [O̅v̅e̅r̅] [~~Through~~]

Style: [Normal] [Unset] [*Italic*] [*Oblique*]

Variant: [Normal] [SMALL CAPS]

Case: [none] [UPPER] [lower] [Capital]

```
font-family: Georgia, serif;
font-size: 16px;
letter-spacing: 2px;
word-spacing: 2px;
color: #000000;
font-weight: normal;
text-decoration: none;
```

Border / Outline

where to navigate when the the arrow-right button is pressed

nav-up
where to navigate when the the arrow-up button is presse

opacity   transparency level of an element
order   reorder elements in a container
outline   drow an outer border around elemen
outline-color   outline color
outline-offset
gap between the element and the outline
outline-style   outline style
outline-width   outline width
overflow
hide, display or scroll if the content overflows its container
overflow-x   horizontal overflow
overflow-y   vertical overflow
padding
padding between the element border and content
padding-bottom   padding bottom
padding-left   padding left
padding-right   padding right
padding-top   padding top
page-break-after   adds page break after an element
page-break-before   adds page break before an element
page-break-inside   allow page break inside an element
perspective
how many pixels the 3D element is placed from the view
perspective-origin
where is the 3D element based in the x- and y-axis
position
positioning type: absolute, fixed, relative, static
quotes
set quotation marks to wrap an element
resize   declare resizable elements
right
right offset for relative and absolute elements
tab-size   tab character space length
table-layout   table layout algorithm
text-align   horizontal alignment of text
text-align-last   horizontal alignment of last line of tex
text-decoration
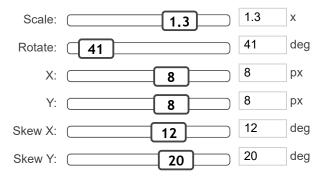overline, underline or line-through the text
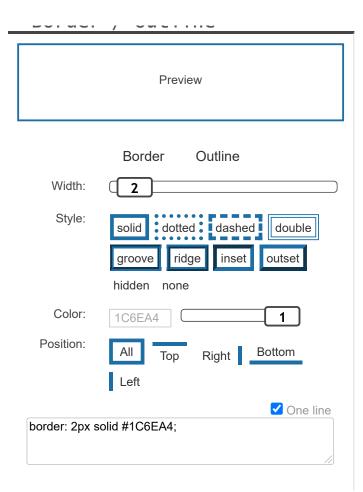**text-indent**   indentation of the first line of the text
text-overflow
the way how overflowed content is marked (ellipsis)
text-shadow   text shadow
text-transform   capitalization of text

Transform

Scale: ———————[1.3]—————— [1.3] x

Rotate: —[41]———————————— [41] deg

X: ———————[8]——————— [8] px

Y: ———————[8]——————— [8] px

Skew X: ———————[12]—————— [12] deg

Skew Y: ———————[20]—————— [20] deg

```
-moz-transform: scale(1.3) rotate(41deg)
translate(8px, 8px) skew(12deg, 20deg);
-webkit-transform: scale(1.3) rotate(41deg)
translate(8px, 8px) skew(12deg, 20deg);
```

Border / Outline

Preview

Border	Outline

Width: `2`

Style:

solid | dotted | dashed | double

groove | ridge | inset | outset

hidden | none

Color: `1C6EA4` `1`

Position: All | Top | Right | Bottom | Left

☑ One line
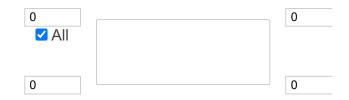
```
border: 2px solid #1C6EA4;
```

Reset CSS

```
html,body,div,span,applet,object,iframe,h1,h2,h3,h4,h5
article,aside,details,figcaption,figure,footer,header,
body { line-height: 1;}
ol,ul { list-style: none;}
blockquote,q { quotes: none;}
blockquote:before,blockquote:after,q:before,q:after {
table { border-collapse: collapse; border-spacing: 0;}
```

px - em

Parent:	0	px
desired px:	0	px
desired em:	0	em

word-wrap
break long words and wrap onto the next line
z-index *stack order of the element*

Border Radius

0		0
☑ All		
0		0

Media Queries

Syntax

```
@media not|only mediatype and (media feature) {
  CSS Code }
```
Link external file:
```
<link rel="stylesheet" media=mediatype and|not|only
```

Viewport is 480 pixels or smaller
```
@media screen and (max-width: 480px) { }
```

Viewport width smaller OR height smaller
```
@media screen and (max-width: 600px), (max-height:
```

Print style
```
@media print { ... }
```

Night / dark mode
```
@media (prefers-color-scheme: dark) { ... }
```

Media types
all, print, screen, speech

Media features

width	*viewport width*
height	*viewport height*
orientation	*orientation of the viewport*
aspect-ratio	*ratio between width & height*
color	*number of bits per color*
color-index	*number of displayable colors*
monochrome	*color on greyscale device*
resolution	*resolution of the device*
scan	*scanning process of the device*
grid	*device is a grid or bitmap*