



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 required 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 playing
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

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:
none

Position:

 X: Y:

Repeat: no repeat repeat-x repeat-y

Attachment: scroll fixed local

Color:

Preview

One line

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

Gradient

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

```
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: Light backg.

Down:

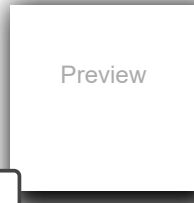
Spread:

Blur:

Opacity:

Inset

Color:



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

Button Generator

Color:

Size:

Padding:

Radius:

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:
```

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

Text shadow

Light background

PREVIEW

Right:

Down:

Blur:

Opacity:

Color:



more...

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

Font Generator

Light background

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

Font:

Size:

Letter spc:

Word spc:

Color:

Weight:

Decoration:

Style:

Variant:

Case:

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

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

nav-up

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

opacity

transparency level of an element

order

reorder elements in a container

outline

draw an outer border around element

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 text

text-decoration

underline, 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: x

Rotate: deg

X: px

Y: px

Skew X: deg

Skew Y: 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



Border Outline

Width:

Style:

Color:

Position:

One line

```
border: 2px solid #1C6EA4;
```

Reset CSS

```
html, body, div, span, applet, object, iframe, h1, h2, h3, h4, h5, h6,
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: px

desired px: px

desired em: em

word-wrap

break long words and wrap onto the next line

z-index: stack order of the element

Border Radius

All

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