



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	<input type="text"/>	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:	<input type="text" value="https://htmlcheatsheet.com/images/logo-css"/>											
	none											
Position:	<table border="1"><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr></table>										X: <input type="text" value="0"/>	Y: <input type="text" value="0"/>
Repeat:	<input type="button" value="no"/> <input type="button" value="repeat"/> <input type="button" value="repeat-x"/> <input type="button" value="repeat-y"/>											
Attachment:	<input type="button" value="scroll"/> <input type="button" value="fixed"/> <input type="button" value="local"/>											
Color:	<input type="text" value="D0E4F5"/>	<input type="text"/>	1									

Preview

☒ One line

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

Gradient

<input type="text"/>	<input type="text"/>	<input type="text"/>
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

```
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
columns
content

column width
set column-width and column-count

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:

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

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: 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

