

CSS Cheat Sheet:

Your Quick Reference for Cascading Style Sheets

As with all programming languages, your CSS code needs to be 100% accurate in order for it to do what you want it to. And for many programmers—beginners and otherwise—that means always keeping an internet browser open and ready so they can double check for accuracy before they put their code to the test.

But a CSS cheat sheet makes this constant quick-tabbing completely unnecessary, by giving you an easily searchable resource for all things CSS. Perfect for those who are just starting to learn CSS, established programmers who like to keep a reference on hand, and every skill level in between, the CSS Cheat Sheet will help you keep your code clean.

CSS Cheat Sheet Table of Contents

01	Backgrounds
02	Borders
03	Box Model
04	Fonts
05	Text
06	Columns
07	Colors
08	Grid Positioning
09	Template Layouts
10	Tables
11	Speech
12	Lists and Markers
13	Animations
14	Transitions
15	UI
16	Pseudo-Class
17	Pseudo-Element
18	Absolute Measurement
19	Relative Measurement
20	Angles
21	Time
22	Frequency
23	Colors
24	Selector Types
25	Outlines
26	3D/2D Transform
27	Generated Content
28	Line Boxes
29	Hyperlinks
30	Positioning



Background

background

background-image
background-position
background-size
background-repeat
background-attachment
background-origin
background-clip
background-color

background-image

url
none

background position

top left | top center | top right | center left | center center |
center right | bottom left | bottom center | bottom right
x-% y-%
x-pos y-pos

background-size

length
%
auto | cover | contain

background-repeat

repeat | repeat-x | repeat-y | no-repeat

background attachment

scroll | fixed

background-origin

border-box | padding-box | content-box

background-clip

length
%
border-box | padding-box | content-box | no-clip

background-color

color
transparent

2

Borders

border

border-width
border-style
border-color

border-width

thin | medium | thick | length

border-style

none | hidden | dotted | dashed | solid | double | groove |
ridge | inset | outset

border-color

color

border-bottom

border-bottom-width
border-style
border-color

border-left

border-left-width
border-style
border-color

border-left-style

border-style

border-left-color

border-color

border-left-width

thin | medium | thick length

border-right

border-right-width
border-style
border-color

border-right-style

border-style

border-right-color

border-color

border-right-width

thin | medium | thick length

border-top

border-top-width

border-style

border-color

border-top-style

border-style

border-top-color

border-color

border-top-width

thin | medium | thick | length

border-bottom

border-bottom-width

border-style

border-color

border-bottom-color

border-color

border-bottom-style

border-style

border-break

border-width

border-style

color

close

box-shadow

inset || [length, length, length, length || <color>]

none

border-collapse

collapse | separate

border-image

image

[number / %

border-width stretch | repeat | round]

none

3

Box Model

border radius

border-radius
border-top-right-radius
border-bottom-right-radius
border-bottom-left-radius
border-top-left-radius

border-top-right-radius

length

border-bottom-right-radius

length

border-bottom-left-radius

length

float

left | right | none

height

auto
length
%

max-height

none
length
%

max-width

none
length
%

min-height

none
length
%

width

auto
%

length

margin

margin-top

margin-right

margin-bottom

margin-left

margin-bottom

auto

length

%

margin-left

auto

height

%

margin-right

auto height

%

margin-top

auto

length

%

padding

padding-top

padding-right

padding-bottom

padding-left

padding-bottom

length

%

padding-left

length

%

padding-right

length

%

padding-top

length
%

display

none | inline | block | inline-block | list-item | run-in | compact
| table | inline-table | table-row-group | table-headergroup |
table-footer-group | table-row | table-column-group | table-
column | table-cell | table-caption | ruby | ruby-base | ruby-
text | ruby-base-group | ruby-text-group

marquee-direction

forward | reverse

marquee-loop

infinite
integer

marquee-play-count

infinite
integer

marquee-speed

slow | normal | fast
marquee-style
scroll | slide | alternate

overflow

visible | hidden | scroll | auto | no-display | no-content
overflow-x
overflow-y

overflow-style

auto | marquee-line | marqueeblock

overflow-x

visible | hidden | scroll | auto | no-display | no-content

rotation

angle

rotation-point

position (paired value off-set)

4

Fonts

visibility

visible | hidden | collapse

clear

left | right | both | none

font

font-style

font-variant

font-weight

font-size/line-height

font-family

caption | icon | menu | messagebox | small-caption | status-bar

font-status-adjust

none | inherit

number

font-family

normal | wider | narrower | ultra-condensed | extracondensed
| condensed | semicondensed | semi-expanded | ultra-
expanded | inherit

font-style

normal | italic | oblique | inherit

font-variant

normal | small-caps | inherit

font-size

xx-small | x-small | small | medium | large | x-large | xxlarge |
smaller | larger |
inherit
length
%

font-weight

normal | bold | bolder | lighter
| 100 | 200 | 300 | 400 | 500 | 600 | 700 | 800 | 900 | inherit

5

Text

direction

ltr | rtl | inherit

hanging-punctuation

none | [start | end | endedge]

letter-spacing

normal

length

%

text-outline

none

color

length

unicode-bidi

normal | embed | bidi-override

white-space

normal | pre | nowrap | pre-wrap | pre-line

white-space-collapse

preserve | collapse | preserve-breaks | discard

punctuation-trim

none | [start | end | adjacent]

text-align

start | end | left | right | center | justify

text-align-last

start | end | left | right | center | justify

text-decoration

none | underline | overline | line-through | blink

text-shadow

none

color

length

word-break

normal | keep-all | loose | break-strict | break-all

word-wrap

6

Columns

normal
length
%

text-emphasis

none | [[accent | dot | circle | disc | [before | after]?]

text-indent

length
%

text-justify

auto | inter-word | interideograph | inter-cluster | distribute |
kashida | tibetan

text-transform

none | capitalize | uppercase | lowercase

text-wrap

normal | unrestricted | none | suppress

word-spacing

normal
length
%

column-count

auto
number

column-fill

auto | balance

column-gap

normal
length

column-rule

column-rule-width
column-rule-style
column-rule-color



Colors



Grid Positioning

column-rule-style

border-style

columns

column-width

column-count

column-rule-width

thin | medium | thick

length

column-span

1 | all

column-width

auto

length

color

inherit

color

opacity

inherit

number

grid-columns

none | inherit [length percentage relative length]

grid-rows

none | inherit [length percentage relative length]

9

Template Layout

box-align

start | end | center | base

box-direction

normal | reverse

box-flex

normal

box-flex-group

integer

box-lines

single | multiple

box-orient

horizontal | vertical | inline-axis | block-axis

box-pack

start | end | center | justify

box-sizing

content-box | padding-box | border-box | margin-box

tab-side

top | bottom | left | right

10

Tables

border-collapse

collapse | separate

empty-cells

show | hide

border-spacing

length length

table-layout

auto | fixed

caption-side

top | bottom | left | right

11

Speech

cue

cue-before
cue-after

cue-before

url [silent | x-soft | soft | medium | loud | x-loud | none | inherit]
number
%

cue-after

url [silent | x-soft | soft | medium | loud | x-loud | none | inherit]
number
%

mark

mark-before
mark-after

mark-before

string

mark-after

string

voice-pitch-range

x-low | low | medium | high | xhigh | inherit
number

voice-stress

strong | moderate | none | reduced | inherit

voice-volume

silent | x-soft | soft | medium | loud | x-loud | inherit
number
%

pause

pause-before
pause-after

pause-before

none | x-weak | weak | medium | strong | x-strong | inherit
time

pause-after

none | x-weak | weak | medium | strong | x-strong | inherit
time

12

Lists and Markers

phonemes

string

voice-duration

time

voice-family

inherit | [<specific-voice, age, generic-voice, number>]

voice-rate

x-slow | slow | medium | fast | x-fast | inherit
%

voice-pitch

x-low | low | medium | high | xhigh | inherit
number
%

caption-side

top | bottom | left | right

rest

rest-before
rest-after

rest-before

none | x-weak | weak | medium | strong | x-strong | inherit
time

rest-after

none | x-weak | weak | medium | strong | x-strong | inherit
time

speak

none | normal | spell-out | digits | literal-punctuation | no-punctuation | inherit-number

list-style

list-style
list-style-type
list-style-position
list-style-image

13

Animations

list-style-image

none
url

list-style-type

none | asterisks | box | check | circle | diamond | disc | hyphen | square | decimal | decimal-leading-zero | lower-roman | upper-roman | lower-alpha | upper-alpha | lower-greek | lower-latin | upper-latin | hebrew | armenian | georgian | cjk-ideographic | hiragana | katakana | hiragana-iroha | katakana-iroha | footnotes

marker-offset

auto
length

animations

animation-name
animation-duration
animation-timing-function
animation-delay
animation-iteration-count
animation-direction

animation-name

none | IDENT

animation-duration

time

animation-timing-function

ease | linear | ease-in | easeout | ease-in-out | cubic-Bezier
(number, number, number, number)

animation-delay

time

animation-iteration-count

inherit
number

14

Transitions

15

UI

animation-direction

normal | alternate

animation-play-state

running | paused

transitions

transitions-property

transitions-duration

transitions-timing-function

transitions-delay

transitions-delay

time

transitions-duration

time

transitions-property

none | all

transition-timing-function

ease | linear | ease-in | ease-out | ease-in-out | cubicBezier(
number, number, number, number)

appearance

normal | inherit | [icon | window | desktop | work-space |
document | tooltip | dialog | button | push-button | hyperlink
| radio-button | checkbox | menu-item | tab | menu | menubar
| pull-down-menu | pop-up-menu | list-menu | radio-group
| checkbox-group | outline-tree | range | field | combo-box |
signature | password]

cursor

16

Pseudo-class

auto | crosshair | default | pointer | move | e-resize | neresize |
nw-resize | n-resize | se-resize | sw-resize | s-resize | w-resize |
text | wait | help
url

icon

auto | inherit
url

nav-index

auto | inherit
number

nav-up

auto | inherit <id> [current | root | <target-name>]

nav-right

auto | inherit <id> [current | root | <target-name>]

nav-down

auto | inherit <id> [current | root | <target-name>]

nav-left

auto | inherit <id> [current | root | <target-name>]

resize

none | both | horizontal | vertical | inherit

:active

an activated element

:focus

an element while the element has focus

:hover

an element when you mouse over it

:link

an unvisited link

:disabled

an element while the element is disabled

:enabled

an element while the element is enabled

:checked

an element that is checked

:selection

an element that is currently selected or highlighted by the user

:lang

allows the author to specify a language to use in a specified element

:nth-child(n)

an element that is the n-th sibling

:nth-last-child(n)

an element that is the n-th sibling counting from the last sibling

:first-child

an element that is the first sibling

:last-child

an element that is the last sibling

:only-child

an element that is the only child

:nth-of-type(n)

an element that is the n-th sibling of its type

:nth-last-of-type(n)

an element that is the n-th sibling of its type counting from the last sibling

:last-of-type

an element that is the last sibling of its type

:first-of-type

an element that is the first sibling of its type

17

Pseudo-Element

18

Absolute Measurement

:only-of-type

an element that is the only child of its type

:empty

an element that has no children

:root

root element within the document

:not(x)

an element not represented by the argument 'x'

:target

a target element as specified by a target in a UR

::first-letter

adds special style to the first letter of a text

::first-line

adds special style to the first line of a text

::before

inserts some content before an element

::after

inserts some content after an element

%

percentage

cm

centimeter

in

inch

19

Relative Measurement

mm

millimeter

pc

pica (1p = 12 points)

pt

point (1pt = 1/72 inch)

ch

width of the "0" glyph found in the font for the font size used to render

em

1em = current font size of current element

ex

x-height of the element's font

gd

the grid defined by 'layout-grid'

px

pixel of the viewing device

rem

the font size of the root element

vh

the viewport's height

vw

the viewport's width

vm

viewport's height or width (whichever is smaller of the two)

20

Angles

deg

degrees

grad

grads

rad

radians

turn

turns

21

Time

ms

mili-seconds

s

seconds

22

Frequency

Hz

hertz

kHz

kilo-hertz

23

Colors

color name

red, blue, green, dark green

rgb(x,y,z)

red = rgb(255,0,0)

rgb(x%,y%,z%)

red = rgb(100%,0,0)

24

Selector Types

rgba(x,y,z,alpha)

red = rgba(255,0,0,0)

#rrggbb

red = #ff0000 (or shorthand - #f00)

hsl(hue, saturation, lightness)

red = hsl (0, 100%, 50%)

flavor

An accent color (typically chosen by the user) to customize the user

interface of the user agent itself.

currentColor

computer value of the 'currentColor' keyword is the computed value of the 'color' property

Universal (any element)

Example: * { font-family: 'Courier New', Courier, monospace; }

Type (any element of that type)

Example: body { background-color: black; }

Grouping (multiple elements of different types)

example: div, h1, h2, h3, p, li { color: white; }

Class (multiple elements of different types when you don't want to affect all instances of that type)

example: .header { flex: 50%; }

ID (a single element type when you don't want to affect all instances of that type)

Example: #w3c-link { text-decoration: underline; }

Descendant (an element that is one or more levels below another element in the document tree)

Example: p a { color: lightgray; }

25

Outlines

26

3D/2D Transform

Child (an element that is directly below another element in the document tree)

example: `ul>li:nth-child(even) { font-weight: bold; }`

Adjacent Sibling (all elements that share the same parent and elements are in the same immediate sequence)

Example: `h3 + ul { list-style: square; }`

General Sibling (all elements that share the same parent and elements are in the same, not necessarily immediate, sequence)

Example: `h2 ~ h3 { font-family: Arial, Helvetica, sans-serif; }`

Attribute (an element that matches the attribute listed)

Example: `a[href^="https"] { font-weight: bold; }`

outline

outline-color
outline-style
outline-width

outline-offset

inherit
length

outline-style

none | dotted | dashed | solid | double | groove | ridge | inset | outset

outline-width

thin | medium | thick
length

backface-visibility

visible | hidden

perspective

none
number

perspective-origin

[[<percentage> | <length> | left | center | right] [<percentage> | <length> | top | center | bottom]?] [[[left | center | right] || [top | center | bottom]] <length>]

transform

none | matrix | matrix3d | translate3d | translateX | translateY | translateZ | scale | scale3d | scaleX | scaleY | scaleZ | rotate | rotate3d | rotateX | rotateY | rotateZ | skewX | skewY | skew | perspective

transform-origin

[[[<percentage> | <length> | left | center | right] [<percentage> | <length> | top | center | bottom]?] <length>] | [[[left | center | right] || [top | center | bottom]] <length>]

bookmark-label

content
attr
string

bookmark-level

none
integer

bookmark-target

self
url
attr

border-length

self
url
attr

content

normal | none | inhibit
url

counter-reset

none
identifier number

crop

auto
shape

display

normal | none | list-item

float-offset

length length

hyphenate-after

auto
integer

counter-increment

none
identifier number

hyphenate-lines

no-limit
integer

hyphenate-resource

none
url

hyphens

none | manual | auto

image-resolution

normal | auto
dpi

hyphenate-before

auto
integer

hyphenate-character

auto
string

marks

[crop || cross] | none

move-to

normal | here

identifier

page-policy

start | first | last

quotes

none

string string string string

string-set

identifier

content-list

text-replace

none

[<string> <string>]+

alignment-adjust

auto | baseline | before-edge | text-before-edge | middle |

central | after-edge | textafter-edge | ideographic | alphabetic |

hanging | mathematical

length

%

alignment-baseline

baseline | ise-script | beforeedge | text-before-edge | afteredge

| text-after-edge | central | middle | ideographic | alphabetic |

hanging | mathematical

baseline-shift

baseline | sub | super

length

%

dominant-baseline

auto | use-script | no-change | reset-size | alphabetic | hanging |

ideographic | mathematical | central | middle | text-after-edge |

text-beforeedge

drop-initial-after-align

alignment-baseline

drop-initial-after-align

central | middle | after-edge | text-after-edge | ideographic |

alphabetic | mathematical

%

drop-initial-before-align

caps-height

alignment-baseline

drop-initial-before-adjust

before-edge | text-before-edge | central | middle | hanging |

mathematical

length

%

drop-initial-value

initial

integer

drop-initial-size

auto

integer

%

line

inline-box-align

initial | last

integer

line-height

normal

number

length

%

line-stacking

line-stacking-strategy

line-stacking-ruby

line-stacking-shift

line-stacking-strategy

inline-line-height | block-lineheight | max-height | gridheight

line-stacking-ruby

exclude-ruby | include-ruby

29

Hyperlinks

30

Positioning

line-stacking-shift

consider-shifts | disregardshifts

line-stacking

line-stacking-strategy

line-stacking-ruby

line-stacking-shift

text-height

auto | font-size | text-size | max-size

vertical-align

Baseline | sub | super | top | text-top | middle | bottom | text-

bottom

length

%

target

target-name

target-new

target-position

target-name

current | root | parent | new | modal

string

target-new

window | tab | none

target-position

above | behind | front | back

bottom

auto

%

length

right

auto
%
length

clip

shape
auto

top

auto
%
length

left

auto
%
length

z-index

auto
Number

position

static | relative | absolute | fixed

