



The Ultimate CSS Cheat Sheet



Follow: @Shubhamsharma585

For Daily Updates



BACKGROUNDS

background

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

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-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-clip

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

background-color

color
transparent

background-break

bounding box | each-box |
continuous





BORDER

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-top

border-top-width
border-style
border-color

border-top-color

border-color

border-top-style

border-style

box-shadow

inset
[length, length, length, length]
<color>
none

border-collapse

collapse | separate

border-right-width

thin | medium | thick | length

border-right-color

border-color

border-image

image
[number / %]
border-width
stretch | repeat | round
none

border-top-width

thin | medium | thick | length

border-break

border-width
border-style
color
close

border-bottom-color

border-color

border-bottom-style

border-style

border-left-color

border-color

border-left-width

thin | medium | thick | length

border-right-style

border-style

border-right

border-right-width
border-style
border-color

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





BOX MODEL

float

left | right | none

height

auto | length | %

max-height

none | length | %

max-width

none | length | %

min-height

none | length | %

min-width

none | length | %

width

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-header-group

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

rotation

angle

rotation-point

position (paired value off-set)

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 | %

marquee-direction

forward | reverse

marquee-loop

infinite

integer

marquee-speed

slow | normal | fast

marquee-style

scroll | slide | alternate

overflow

visible | hidden | scroll

overflow-style

auto

marquee-line

marquee-block

overflow-X

visible

hidden

scroll

auto

no-display

no-content

visibility

visible | hidden |

collapse

clear

left

right

both

none





3D/2D TRANSFORM

backface-visibility

visible | hidden

perspective

none
number

perspective-origin

%
left | center | right
top | center | bottom
left | center | right
top | center | bottom

transform-style

flat | preserve-3d

transform

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

transform-origin

%
left | center | right
top | center | bottom
left | center | right
top | center | bottom

GENERATED CONTENT

bookmark-label

content
attr
string

bookmark-level

none
integer

bookmark-target

self
url
attr

border-length

self
url
attr

content

normal | none | inhibit | url

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

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

marks

crop
cross
none

move-to

normal
here
identifier

page-policy

start | first | last

quotes

none

string-set

identifier
content-list

text-replace

none
[<string>] +





COLUMN

column-count

auto
number

column-fill

auto | balance

column-gap

normal
length

column-rule-width

thin | medium | thick | length

column-span

1 | all

column-rule

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

column-rule-style

border-style

columns

column-width
column-count

column-width

auto
length

COLORS

colors

inherit
color

opacity

inherit
number

GRID POSITIONING

grid-columns

none | inherit
[length percentage relative
length]

grid-rows

none | inherit
[length percentage relative
length]





PAGED MEDIA

fit

fill | hidden | meet | slice

fit-position

top | center | bottom | left | center | right

length

%

orphans

integer

image-orientation

auto
angle

size

auto | landscape | portrait
length

windows

integer

page

auto
indentifier

page-break-after

auto | always | avoid | left | right

page-break-before

auto | always | avoid | left | right

page-break-inside

auto | avoid

CSS SNIPPETS

snippets include:

```
selector { property = value }
```

sidebar attributes snippet

```
#sidebar { position: relative;
float: left; width: 100px;
color: blue; font-size: 40%
border-left: solid 2px blue; }
```

font shorthand property to define all properties in one statement

```
#selector { font: italic bold
12px/30px georgia, serif; }
```

(font size and family are required, but other values are set to default if left out)

hover over/anchor snippets

```
a: active { color: red; }
a: link { color: yellow; }
a: visited { color: blue; }
a: hover { color: green; }
```

background color snippet

```
#selector { background: #e3eae2; }
```

multi-border using a pseudo shadowbox snippet:

```
box-shadow: [inset] [horizontal offset] [vertical offset] [blur radius] [optional spread radius] [color]
```

creative page layout snippet

```
.columns { column-count: 5;
column-gap: 20px; }
```

text align snippet

```
ta_l { text-align: left; }
```

font weight snippet

```
bold { font-weight: bold; }
```

snippet to align text with display and margin property

```
center { text-align: center;
margin: auto; display: block; }
```

text decoration snippet

```
no_td: hover { text-decoration: none; }
```

clear and float snippet

```
clear { float: none; clear: both; }
```





FONT

font

font-style

font-variant

font-weight

font-size/line-height

font-family

caption | icon | menu |
message-box | small-caption |
status-bar

font-size-adjustment

none | inherit

number

font-family

normal

wider

narrower

ultra-condensed

extra-condensed

condensed

semi-condensed

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

xx-large

smaller

larger

inherit

length

font-weight

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





LINE BOX

alignment-adjust

auto | baseline | before-edge |
text-before-edge | middle |
central | after-edge |
text-after-edge | ideographic |
alphabetic | hanging |
mathematical

length
%

alignment-baseline

baseline | use-script |
before-edge | text-before-edge |
after-edge | 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-before-edge

drop-initial-after-align

alignment-baseline

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-line-height |
max-height | grid-height

line-stacking-ruby

exclude-ruby | include-ruby

line-stacking-shift

consider-shifts | disregard-shifts

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

%





LIST & MARKERS

list-style

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

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
footnotes

marker-offset

auto
length

ANIMATIONS

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

ease-out
ease-in-out
cubic-bezier (number, number,
number, number)

animation-delay

time

animation-iteration-count

inherit
number

animation-direction

normal | alternate

animation-play-state

running | paused





HYPERLINK

target

target-name
target-new
target-position

target-name

current | root | parent | new |
model

string

target-new

window | tab | none

target-position

above | behind | front | back

POSITIONING

bottom

auto
%
length

top

auto
%
length

right

auto
%
length

left

auto
%
length

clip

shape
auto

x-index

auto
number

position

static | relative |
absolute | fixed

RUBY

ruby-align

auto | start | left | center | end |
right | distribute-letter |
distribute-space | line-edge

ruby-overhang

auto | start | end | none

ruby-position

before | after | right | inline

ruby-span

attr(x) | none





PSEUDO-CLASS

: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
: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





PSEUDO-ELEMENT

::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

ABSOLUTE MEASUREMENT

%	percentage
cm	centimeter
in	inch
mm	millimeter
pc pica	(1p = 12 points)
pt point	(1pt = 1/72 inch)

ANGLES

%	degrees
cm	grads
in	radians
mm	turns

TIME

ms	milli-seconds
s	seconds

FREQUENCY

Hz	hertz
kHz	kilo-hertz

RELATIVE MEASUREMENT

ch	width of the "o" 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 font size of the root element
vw	the font size of the root element
vm	viewport's height or width, whichever is smaller of the two

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)
rgba(x,y,z,alpha)	red = rgba(255,0,0,0)
#rrggbb	red = #ff0000 (or shorthand - #foo)
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	the font size of the root element





SELECTOR TYPES

Name	Info	Example
Universal	Any element	* { font: 10px Arial; }
Type	Any element of that type	h1 { text-decoration: underline; }
Grouping	Multiple elements of different types	es h1, h2, h3 { font-family: verdana; }
Class	Multiple elements of different types when you don't want to affect all instances of that type	sampleClass { text-decoration: underline; }
Id	A single element type when you don't want to affect all instances of that type	#sampleID { text-decoration: underline; }
Descendant	An element that is below (in the document tree) another element - no matter how many levels below	: #gallery h1 { text-decoration: underline; }
Child	An element that is directly below (in the document tree) another element	#title > p { font-weight: bold; }
Adjacent Sibling	All elements that share the same parent and elements are in the same immediate sequence	h1 + p { font-style: italic; }
General Sibling	All elements that share the same parent and elements are in the same sequence (not necessarily immediate)	h1 ~ p { font-style: italic; }
Attribute	An element that matches the attribute listed	E[selected] - att whatever the value E[att="val"] - att with a specific value E[rel~="next"] - att with a value is a whitespace separated list '[lang="en"]' - att value either being exactly "val" or beginning with "val" immediately followed by "-" E[att^="val"] - att value that begins with the prefix "val"

OUTLINE

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





SPEECH

cue

cue-before

cue- after

mark

mark-before

mark-after

mark-before

string

mark-after

string

voice-pitch-range

X-low | low | medium |

high | x-high | inherit

number

voice-stress

strong | moderate |

none | reduced | inherit

voice-volume

silent | x-soft | soft | medium |

loud | x-loud | inherit

number

%

cue-after

url

silent

x-soft

soft

medium

loud

x-loud

none

inherit

number

%

caption-side

top | bottom | left | right

rest

rest-before

rest-after

cue-before

url | silent | x-soft | soft |

medium | loud | x-loud |

none | inherit

pause

pause-before

pause-after

pause-before

none | x-weak | weak | medium |

strong | x-strong | inherit

time

phonemes

string

voice-duration

time

voice-family

inherit

<specific-voice, age, gener-
ic-voice, number>

voice-rate

x-slow

slow

medium

fast

x-fast

inherit

%

voice-pitch

x-low

low

medium

high

x-high

inherit

number

%

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





TEMPLATE LAYOUT

box-align

start
end
center
base

box-direction

normal | reverse

box-lines

single | multiple

box-orient

horizontal | verticle | inline-axis |
block-axis

box-flex

normal

box-flex-group

integer

box-pack

start | end | center | justify

box-sizing

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

tab-side

top | bottom | left | right

TABLE

border-collapse

collapse | separate

empty-cells

show | hide

border-spacing

length length

table-layout

auto | fixed

caption-side

top | bottom | left | right





TEXT

direction

ltr | rtl | inherit

hanging-punctuation

none | [start | end | end-edge

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 |
pre-serve-breaks | discard

text-emphasis

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

text-indent

length
%

text-justify

auto
inter-word
inter-ideograph
inter-cluster
distribute
kashida
tibetan

text-shadow

none
color
length

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

word-break

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

word-wrap

normal
length
%

text-transform

none
capitalize
uppercase
lowercase

text-wrap

normal | unrestricted | none |
suppress

word-spacing

normal
length
%

Aa



TRANSITIONS

transitions

transitions-property
transitions-duration
transition-timing-function
transitions-delay

transitions-delay

time

transition-timing-function

ease | linear | ease-in | ease-out
| ease-in-out | cubic-bezier
(number, number, number,
number)

transitions-duration

time

transitions-property

none | all

UI (USER INTERFACE)

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

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

url

icon

auto | inherit

url

nav-index

auto | inherit

number

nav-up

auto | inherit [current | root |

nav-right

auto | inherit [current | root |

nav-down

auto | inherit [current | root |

nav-left

auto | inherit [current | root |

resize

none | both | horizontal | vertical
| inherit



Thank You



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