



Crafting Future



A large, semi-transparent 3D cube is centered in the middle of the page. It has a light yellow base layer, a medium yellow middle layer, and a light green top layer. The words "Crafting Future" are written in a cursive, brown font across the center of the cube's face.

Crafting Future

CSS Cheatsheet

Crafting Future

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Backgrounds

background

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

background-image

url
gradients

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

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background-attachment

scroll | fixed | local

background-origin

border-box | padding-box | content-box

background-clip

border-box | padding-box | content-box

background-color

color

transparent

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-right-color  
border-color  
border-right-width  
thin | medium | thick | length  
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-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-image

image

[number / % border-width stretch | repeat | round]

none

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

WebsiteSetup.org - Beginner's CSS Cheat Sheet

Box Model

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 | flex | inline-flex | grid |
inline-grid | contents | 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

overflow

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

overflow-x

overflow-y

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

Font

font

font-style

font-variant

font-weight

font-size/line-height

```
font-family
caption | icon | menu | messagebox | small-caption | status-bar

font-size-adjust
none | inherit

font-family
serif | sans-serif | Font Name

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
```

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 | pre-servebreaks | 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
normal
nowrap

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 | unresricted | none | suppress

word-spacing

normal

length

%

Column

auto number

column-fill

auto | balance

column-gap

normal

length

column-rule

column-rule-width

column-rule-style

column-rule-color

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
Colors
color
opacity
inherit
number

Table

border-collapse
collapse | separate

empty-cells
show | hide

border-spacing
length length

table-layout

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```
auto | fixed

caption-side
top | bottom | left | right

Speech

cue

cue-before
cue-after

cue-before

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
%
```

```
cue-after
url [ silent | x-soft | soft | medium | loud | x-loud | none | inherit
]

number

%

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, 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 & 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 | **katakana-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 | easeout | 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
rotation
angle
rotation-point
position (paired value off-set)
```

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Transitions

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 | cubicBeziner(
number, number, number, number)
```

UI

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 | neresize |
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 <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

Pseudo-Class

:active	an activated element
:focus :hover :link	an element while the element has focus
:disabled :enabled	an element when you mouse over it
:checked :selection	an unvisited link
:lang :nth-child(n)	an element while the element is disabled
:nth-last-child(n)	an element while the element is enabled
:first-child :last-child	an element that is checked
:only-of-type	an element that is currently selected or highlighted by the user
:nth-of-type(n)	allows the author to specify a language to use in a specified element
:nth-last-of-type(n)	an element that is the n-th sibling
	an element that is the n-th sibling counting from the last sibling
	an element that is the first sibling
	an element that is the last sibling
	an element that is the only child
	an element that is the n-th sibling of its type
	an element that is the n-th sibling of its type counting from the last sibling
	an element that is the last sibling of its type
:last-of-type	an element that is the first sibling of its type
:first-of-type	an element that is the only child of its type
:only-of-type	an element that has no children
:empty :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

<code>::first-letter</code>	Adds special style to the first letter of a text
<code>::first-line</code>	Adds special style to the first line of a text
<code>::before</code>	Inserts some content before the content of an element
<code>::after</code>	Inserts some content after the content of an element

Absolute Measurement

<code>%</code>	percentage
<code>cm</code>	centimeter
<code>in</code>	inch
<code>mm</code>	milimeter
<code>pc</code>	pica (1p = 12 points)
<code>pt</code>	point (1pt = 1/72 inch)
<code>px</code>	pixel (1px = 1/96 inch)

Relative Measurement

<code>ch</code>	width of the "0" glyph found in the font for the font size used to render
<code>em</code>	1em = current font size of current element
<code>ex</code>	x-height of the element's font
<code>gd</code>	the grid defined by 'layout-grid'
<code>rem</code>	the font size of the root element

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<code>vh</code>	the viewport's height
<code>vw</code>	the viewport's width
<code>vm</code>	viewport's height or width, whichever is smaller of the two

Angles

<code>deg</code>	degrees
<code>grad</code>	grads
<code>rad</code>	radians
<code>turn</code>	turns

Time

<code>ms</code>	mili-seconds
<code>s</code>	seconds

Frequency

<code>Hz</code>	hertz
<code>kHz</code>	kilo-hertz

Colors

<code>color name</code>	red, blue, green, dark green
<code>rgb(x, y, z)</code>	red = <code>rgb(255,0,0)</code>
<code>rgb(x%, y%, z%)</code>	red = <code>rgb(100%,0,0)</code>
<code>rgba(x, y, z, alpha)</code>	red = <code>rgba(255,0,0,0)</code>
<code>#rrggbb</code> <code>hsl(hue, saturation, lightness)</code>	red = <code>#ff0000</code> (or shorthand - <code>#f00</code>)
<code>flavor</code>	An accent color (typically chosen by the user) to customize the user interface of the user agent itself. computer value of the 'currentColor' keyword is the
<code>currentColor</code>	computed value of the 'color' property

Selector Types

Name	Info	Example
Universal	Any element	<code>* { font: 10px Arial; }</code>
Type	Any element of that type	<code>h1 { text-decoration: underline; }</code>
Grouping	Multiple elements of different types	<code>h1, h2, h3 { font-family: Verdana; }</code>
Class	Multiple elements of different types when you don't want to affect all instances of that type	<code>.sampleClass { text-decoration: underline; }</code> <code>#sampleID { text-decoration: underline; }</code>
Id	A single element type when you don't want to affect all instances of that type	<code>#gallery h1 { text-decoration: underline; }</code>
Descendant	An element that is below (in the document tree) another element - no matter how many levels	

	below	
Child	An element that is directly below (in the document tree) another element	<code>#title > p { font-weight: bold; }</code>
Adjacent Sibling	All elements that share the same parent and elements are in the same immediate sequence	<code>h1 + p { font-style: italic; }</code>
General Sibling	All elements that share the same parent and elements are in the same sequence (not necessarily immediate)	<code>h1 ~ p { font-style: italic; }</code>
Attribute	An element that matches the attribute listed	<p><code>E[selected] - att whatever the value</code></p> <p><code>E[att="val"] - att with a specific value</code></p> <p><code>E[rel~="next"] - att with a value is a whitespace separated list</code></p> <p><code>* [lang ="en"] - att value either being exactly "val" or beginning with "val" immediately followed by "-"</code></p> <p><code>E[att^="val"] - att value that begins with the prefix "val"</code></p>

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

3D / 2D Transform

backface-visibility

visible | hidden

perspective

none

number

perspective-origin

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

transform

none | matrix | matrix3d | translate3d | tranlateX | 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> ]
```

transform-style

```
flat | preserve-3d
```

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
```

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]+

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

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
```

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```
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  
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  
%
```

Hyperlink

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

Positioning

bottom

auto % length

right

auto

%

length

clip

shape

auto

top

auto

```
%  
  
length  
  
left  
auto  
  
%  
  
length  
  
z-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
```

Paged Media

```
fit
```

```
fill | hidden | meet | slice
```

```
fit-position
```

```
[top | center | bottom] || [left | center | right]
```

```
length
```

%
orphans
integer
image-orientation
auto
angle
page
auto
identifier
page-break-after
auto | always | avoid | left | right
page-break-before
auto | always | avoid | left | right
page-break-inside
auto | avoid
size
auto | landscape | portrait
length
windows
integer

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