

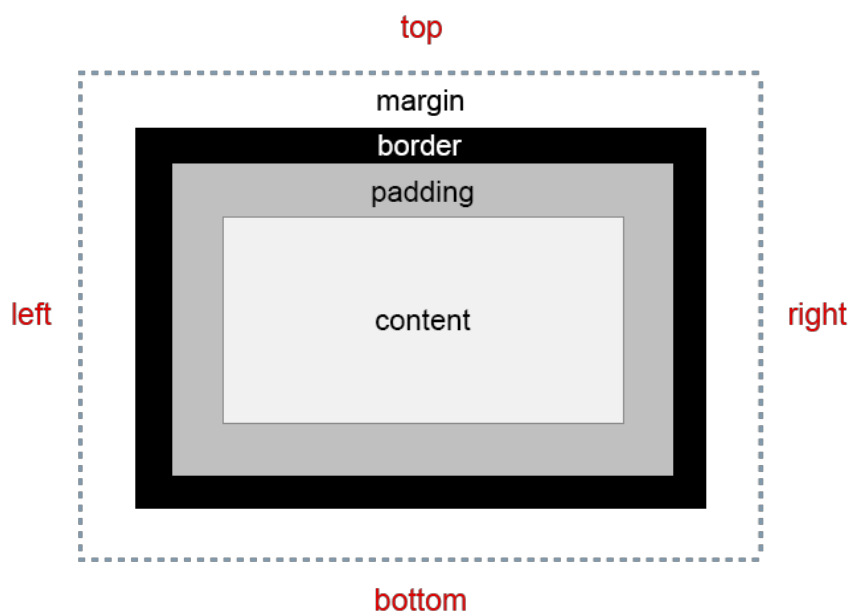
CSS Cheat Sheet

* Shorthand property

Adding CSS

- Embedded
 - `<body style="background: lightblue">`
- Internal
 - `<style>`
 - `body {`
 - `background: lightblue;`
 - `}`
 - `</style>`
- External
 - `<link rel="stylesheet" src="css/style.css">`
- `@import`
 - `@import "css/reset.css";`

Box Model



- **height**
 - auto

- *length*
 - %
- **width**
 - auto
 - *length*
 - %
- **min-height**
 - none | inherit
 - *length*
 - %
- **min-width**
 - none | inherit
 - *length*
 - %
- **padding ***
 - padding-top
 - padding-right
 - padding-bottom
 - padding-left
- **padding-top**
 - *length*
 - %
- **padding-right**
 - *length*
 - %
- **padding-bottom**
 - *length*
 - %
- **padding-left**
 - *length*
 - %
- **margin ***
 - margin-top
 - margin-right
 - margin-bottom
 - margin-left
- **margin-top**
 - auto
 - *length*
 - %
- **margin-right**
 - auto
 - *length*

- %
- **margin-bottom**
 - auto
 - *length*
 - %
- **margin-left**
 - auto
 - *length*
 - %
- **display**
 - none | block | flex | inline | inline-block | inline-flex | inline-table | list-item | table | table-caption | table-cell | table-column | table-column-group | table-footer-group | table-header-group | table-row | table-row-group | inherit
- **float**
 - left | right | none | inherit
- **clear**
 - left | right | both | none | inherit
- **overflow ***
 - visible | hidden | scroll | auto | inherit
- **overflow-x**
 - visible | hidden | scroll | auto
- **overflow-y**
 - visible | hidden | scroll | auto
- **visibility**
 - visible | hidden | inherit
- **box-sizing**
 - content-box (*default*) | border-box

Positioning

- **position**
 - static | absolute | fixed | relative | inherit
- **top**
 - auto
 - *length*
 - %
 - inherit
- **right**
 - auto
 - *length*
 - %
 - inherit
- **bottom**

- auto
- *length*
- %
- inherit
- **left**
 - *auto*
 - *length*
 - %
 - inherit
- **z-index**
 - auto
 - *number*
 - inherit

Background

- **background ***
 - background-color
 - background-position
 - background-size
 - background-repeat
 - background-origin
 - background-clip
 - background-attachment
 - background-image
- **background-color**
 - *color*
 - transparent
 - inherit
- **background-position**
 - top left | top center | top right | center left | center center | center right | bottom left | bottom center | bottom right
 - *x% y%*
 - *xpos ypos*
 - inherit
- **background-size**
 - *length*
 - %
 - auto | cover | contain
- **background-repeat**
 - repeat | repeat-x | repeat-y | no-repeat
- **background-origin**
 - padding-box | border-box | content-box

- **background-clip**
 - padding-box | border-box | content-box
- **background-attachment**
 - scroll | fixed | inherit
- **background-image**
 - url('URL')
 - none
 - inherit

Borders

- **border ***
 - border-width
 - border-style
 - border-color
 - inherit
- **border-top ***
 - border-top-width
 - border-top-style
 - border-top-color
 - inherit
- **border-top-width**
 - thin | medium | thick | inherit
 - *length*
- **border-top-style**
 - none | hidden | dotted | dashed | solid | double | groove | ridge | inset | outset | inherit
- **border-top-color**
 - *color*
 - transparent
 - inherit
- **border-right ***
 - border-right-width
 - border-right-style
 - border-right-color
 - inherit
- **border-right-width**
 - thin | medium | thick | inherit
 - *length*
- **border-right-style**
 - none | hidden | dotted | dashed | solid | double | groove | ridge | inset | outset | inherit
- **border-right-color**
 - *color*
 - transparent

- inherit
- **border-bottom ***
 - border-bottom-width
 - border-bottom-style
 - border-bottom-color
 - inherit
- **border-bottom-width**
 - thin | medium | thick | inherit
 - *length*
- **border-bottom-style**
 - none | hidden | dotted | dashed | solid | double | groove | ridge | inset | outset | inherit
- **border-bottom-color**
 - *color*
 - transparent
 - inherit
- **border-left ***
 - border-left-width
 - border-left-style
 - border-left-color
 - inherit
- **border-left-width**
 - thin | medium | thick | inherit
 - *length*
- **border-left-style**
 - none | hidden | dotted | dashed | solid | double | groove | ridge | inset | outset | inherit
- **border-left-color**
 - *color*
 - transparent
 - inherit
- **border-image**
 - *source slice width outset repeat*
- **border-image-source**
 - none
 - *image*
- **border-image-width**
 - *number*
 - %
 - auto
- **border-image-slice**
 - *number*
 - %
 - fill

- **border-image-outset**
 - *length*
 - *number*
- **border-image-repeat**
 - stretch | repeat | round
- **border-collapse**
 - collapse | separate | inherit
- **border-radius**
 - *length*
 - %
- **border-top-left-radius**
 - *length*
 - %
- **border-top-right-radius**
 - *length*
 - %
- **border-bottom-left-radius**
 - *length*
 - %
- **border-bottom-right-radius**
 - *length*
 - %
- **box-shadow**
 - h-shadow (*required*) | v-shadow (*required*) | blur | spread | color | inset

Outline

- **outline ***
 - outline-color
 - outline-style
 - outline-width
 - inherit
- **outline-color**
 - *color*
 - invert
 - inherit
- **outline-style**
 - none | hidden | dotted | dashed | solid | double | groove | ridge | inset | outset | inherit
- **outline-width**
 - thin | medium | thick | *length* | inherit
- **outline-offset**
 - *length*

- inherit

Font

- **font** *
 - font-style
 - font-variant
 - font-weight
 - font-size
 - font-family
- **font-style**
 - normal | italic | oblique | inherit
- **font-variant**
 - normal | small-caps | inherit
- **font-weight**
 - normal | bold | bolder | lighter | 100 | 200 | 300 | 400 | 500 | 600 | 700 | 800 | 900 | inherit
- **font-size**
 - xx-small | x-small | small | medium | large | x-large | xx-large | smaller | larger | inherit
 - *length*
 - %
- **font-family**
 - *family-name*
 - *generic-family*
 - inherit
- **@font-face**
 - *src*

Gradients

- **linear-gradient**
 - *side-or-corner value* - *ex: bottom right*
 - *angle* of gradient direction
 - *color-stop*
 - % between 0% and 100%
 - *length*
- **radial-gradient**
 - position
 - angle
 - shape
 - size
 - color-stop

- extend-keyword
 - closest-side | closest-corner | farthest-side | farthest-corner
- **Browser support:** <http://caniuse.com/css-gradients>

@Media Types

- all
- braille
- embossed
- handheld
- print
- projection
- screen
- speech
- tty
- tv

Text

- **text-align**
 - left | right | center | justify
- **text-decoration**
 - none | underline | overline | line-through | blink
- **text-indent**
 - *length*
 - %
- **text-transform**
 - uppercase | lowercase | none
- **white-space**
 - normal | nowrap | pre | pre-wrap | pre-line
- **letter-spacing**
 - normal
 - *length*
- **text-shadow**
 - *offset-x* | *offset-y* | *blur radius* | *color*
- **text-overflow**
 - clip | ellipsis
 - *string*
- **word-wrap**
 - normal | break-word
- **line-height**
 - normal
 - *number*

- *length*
- %
- inherit

Lists

- **list-style**
 - list-style-type
 - list-style-position
 - list-style-image
- **list-style-image**
 - none
 - *url*
- **list-style-position**
 - inside | outside
- **list-style-type**
 - none | disc | circle | square | decimal | lower-alpha | upper-alpha | lower-roman | upper-roman
 - lower-latin | upper-latin | lower-greek | armenian | georgian
 - decimal-leading-zero
 - hebrew | cjk-ideographic | hiragana | hiragana-iroha | katakana | katakana-iroha

Multi-column

- **column-count**
 - *number*
 - auto
- **column-gap**
 - *length*
 - normal
- **column-rule ***
 - column-rule-width
 - column-rule-style
 - column-rule-color
- **column-rule-color**
 - *color*
- **column-rule-style**
 - none | hidden | dotted | dashed | solid | double | groove | ridge | inset | outset | inherit
- **column-rule-width**
 - thin | medium | thick
 - *length*
- **columns ***

- column-width
- column-count
- **column-span**
 - none | all
- **column-width**
 - auto
 - *length*
- **Browser support:** <http://caniuse.com/multicolumn>

Animations

- **animation ***
 - animation-name | animation-duration | animation-timing-function | animation-delay | animation-iteration-count | animation-direction
- **animation-name**
 - none
 - *<name>*
- **animation-duration**
 - *<time>* - ex: 2s
- **animation-iteration-count**
 - *number*
 - infinite
- **animation-direction**
 - normal | alternate
- **animation-delay**
 - *<time>*
- **animation-play-state**
 - paused | running
- **animation-timing-function**
 - linear | ease | ease-in | ease out | ease-in-out | cubic-bezier(*n,n,n,n*)
- **Browser support:** <http://caniuse.com/css-animation>

@keyframes Rule

- *identifier*: animation name
- *from*: a starting offset of 0%
- *to*: an ending offset of 100%
- *css-styles*

Example:

```
@keyframes move-right {
  0% {left: 0;}
  100% {left: 500px;}
```

}

Browser support: <http://caniuse.com/css-animation>

Transitions

- **transition** * *property duration timing-function delay*
 - transition-property
 - transition-duration
 - transition-timing-function
 - transition-delay
- **transition-property**
 - none | all | *property*
- **transition-duration**
 - *time*
- **transition-timing-function**
 - linear | ease | ease-in | ease out | ease-in-out | cubic-bezier(*n,n,n,n*)
- **transition-delay**
 - *time*
- **Browser support:** <http://caniuse.com/css-transitions>

Transforms

- **transform**
 - none | matrix(*n,n,n,n,n,n*) | matrix3d(*n,n,n,n,n,n,n,n,n,n,n,n,n,n,n,n*) | translate(*x,y*) | translate3d(*x,y,z*) | translateX(*x*) | translateY(*y*) | translateZ(*z*) | scale(*x,y*) | scale3d(*x,y,z*) | scaleX(*x*) | scaleY(*y*) | scaleZ(*z*) | rotate(*angle*) | rotate3d(*x,y,z,angle*) | rotateX(*angle*) | rotateY(*angle*) | rotateZ(*angle*) | skew(*x-angle, y-angle*) | skewX(*angle*) | skewY(*angle*) | perspective(*n*)
- **transform-origin**
 - *x-axis*
 - *y-axis*
 - *z-axis*
- **perspective**
 - *number*
 - none
- **perspective origin**
 - *x-axis*
 - *y-axis*
- **transform-style**
 - flat
 - preserve-3d
- **Browser support for 2d transforms:** <http://caniuse.com/transforms2d>

- Browser support for 3d transforms: <http://caniuse.com/transforms3d>

Selector Types

- **Universal**
 - *
- **Type**
 - h1, p, div, table
- **Class**
 - .intro
- **ID**
 - #wrapper
- **Descendant**
 - h1 em
- **Grouped Selectors**
 - h1, h2, h3
- **Child**
 - div > p - Selects an element that is a **direct** child of another element.
- **Adjacent Sibling**
 - h2 + p - Selects an element's next sibling in the document.
- **General Sibling**
 - h2 ~ p - Selects every sibling that follows the specified element.
- **Attribute**
 - E[att="val"] - Matches any E element whose att attribute value is "val".
- **Substring Matching Attribute Selectors**
 - E[att^="val"] - Matches any E element whose att attribute value **begins with** "val"
 - E[att\$="val"] - Matches any E element whose att attribute value **ends with** "val"
 - E[att*="val"] - Matches any E element whose att attribute value **contains** the substring "val".

Pseudo-classes

- :link
- :visited
- :active
- :hover
- :focus
- :first-child
- :last-child
- :root
- :first-of-type

- :only-of-type
- :only-child
- :last-of-type
- :nth-child(n)
- :nth-last-child(n)
- :nth-of-type(n)
- :nth-last-of-type(n)
- :empty
- :enabled
- :disabled
- :checked
- :not()
- :target

Pseudo-elements

- ::first-line
- ::first-letter
- ::before
- ::after

Absolute Units

- px
- pt
- pc
- in
- cm
- mm

Relative Units

- **Font-relative lengths**
 - em
 - ex
 - rem
 - ch
- **Viewport-relative lengths**
 - vw, vh, vmin
 - Browser support: <http://caniuse.com/viewport-units>

Angles

- deg

- grad
- rad
- turn

Color

- *Color keywords*
- `rgb()`
- `rgba()`
- Hexadecimal
- `hsl()`
- `hsla()`

Filter Effects

- `grayscale(amount)`
- `sepia(amount)`
- `saturate(amount)`
- `hue-rotate(angle)`
- `invert(amount)`
- `opacity(amount)`
- `brightness(amount)`
- `contrast(amount)`
- `blur(radius)`
- `drop-shadow(shadow)`
- **Browser support:** <http://caniuse.com/css-filters>

SVG Browser Support

- <http://caniuse.com/#search=svg>