

Cheatsheet / CSS

Syntax

```
/* Comments */  
selector {  
    property: value;  
}
```

Inline Style

```
<tag style="property:  
value;">
```

Embedded Style

```
<head>  
    <style type="text/css">  
        selector { property:  
value; }  
    </style>  
</head>
```

External Style Sheet

```
<head>  
<link rel="stylesheet"  
type="text/css"  
href="style.css" />  
</head>
```

Selectors

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

tag All tag elements

tag * All elements within tag

tag tag2 tag2 elements within tag

tag, tag2 All tag and tag2
elements

tag > tag2 tag2 is a child of tag

tag + tag2 tag2 preceded by tag

.class Elements with class 'class'

tag.class All tags with class

'class'

#id Element with id 'id'

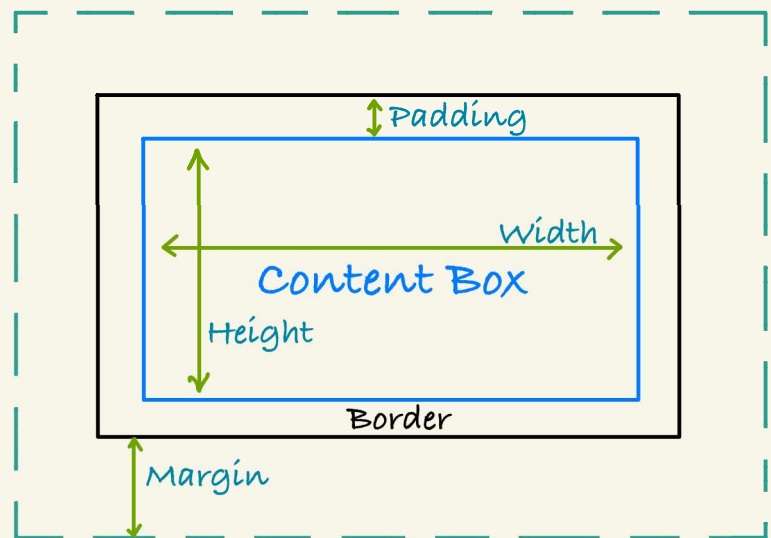
tag#id Tag with id 'id'

tag[title] tag with title attribute.

tag[attr="value"] tag where

attr set to the value

Box Model



Boxes

margin

margin-top, margin-right,
margin-bottom, margin-left

padding

padding-top, padding-right,
padding-bottom, padding-left

border

border-top, border-right,
border-bottom, border-left

border-color

border-top-color, border-
right-color, border-bottom-
color, border-left-color

border-style

border-top-style, border-
right-style, border-bottom-
style, border-left-style

border-width

border-top-width, border-
right-width, border-bottom-
width, border-left-width

CSS

Pseudo-selectors

:active Adds style to active element
::after Adds content after element
::before Adds content before element
:first-child/:last child Adds style to first/last child
::first-letter Adds style to first character
::first-line Adds style to first line
:focus Adds style to focused element
:hover Adds style when mouse is over
:link Adds style to unvisited link
:visited Adds style to visited link
:nth-child(n) Adds style to nth child
:nth-last-child(n) nth child from last
:nth-of-type(n) Adds style to nth child of its parents of specific type.
:first-type-of/:last-of-type Adds style to first/last element of its type among the group of sibling element
:only-of-type has no siblings of the same type.

Text

font-family Specifies the font family
font-size Specifies the font size
font-style: normal | italic | oblique | inherit
font-variant: normal | small-caps | inherit
font-weight: normal | bold | bolder | lighter | int (100- 900) | inherit
color Sets the color of text
line-height: normal | int | % | inherit
text-align: left | right | center | justify | inherit
text-decoration: none | underline | overline | line-through | blink | inherit
text-indent: int | % | inherit

text-transform: none | capitalize | uppercase | lowercase | inherit
white-space: normal | nowrap | pre | pre-line | pre-wrap | inherit
word-spacing: normal | length | inherit

text-transform:

capitalize | uppercase | lowercase

Shorthand

font: style weight size(r) line-height family(r)

e.g. **font: italic 400 14px 1.5 sans-serif**

Size and colors

Relative sizes

em | rem | ex | ch
vw | vh | vmin | vmax | %

Absolute sizes

cm | mm | in | px | pt | pc

Colors

Hex #ff00ff

RGB rgb(255,0,255)

Dimensions

height:

auto | int | % | inherit

width:

auto | int | % | inherit

max-height:

none | int | % | inherit

max-width:

none | int | % | inherit

min-height:

int | % | inherit

min-width:

int | % | inherit

Positioning

position:

absolute | fixed | relative | static | inherit

float:

left | right | none | inherit

top, right, bottom, left

Sets the offset from the edge.

clear:

left | right | both | none | inherit

display: block | inline-block |

flex | grid | none

Specifies element placing in the document.

overflow:

visible | hidden | scroll | auto |

inherit

visibility:

visible | hidden | collapse |

inherit

z-index: auto | int | inherit

Animation

animation-name: <name>

animation-duration: <time>ms

animation-timing-function: ease

| linear | ease-in | ease-out | ease-in-out

animation-delay: <time>ms

animation-iteration-count:

infinite | <number>

animation-direction: normal |

reverse | alternate | alternate-reverse

animation-fill-mode: none |

forwards | backwards | both |

initial | inherit

animation-play-state: normal |

reverse | alternate | alternate-reverse

Shorthand

animation: name duration

timing-function delay

count direction fill-mode

play-state

e.g. animation: sun-rise 4s

linear 0s infinite

alternate;

```
@keyframes sun-rise {
```

```
  from{
```

```
    transform:
```

```
    translate(110vh);
```

```
    background-color:
```

```
    red;
```

```
    filter:
```

```
    brightness(75%);
```

```
  }
```

```
  to{
```

```
    transform:
```

```
    translate(0);
```

```
    background-color:
```

```
    orange;
```

```
  }
```

Media Queries

Media queries allow us to apply CSS style depending on a device's characteristic such as screen resolution or browser viewport width.

e.g.

```
@media (max-width: 1250px)
```

```
{
```

```
...
```

```
}
```

```
@media (min-width: 30em)
```

```
and (orientation:
```

```
landscape) {
```

```
...
```

```
}
```

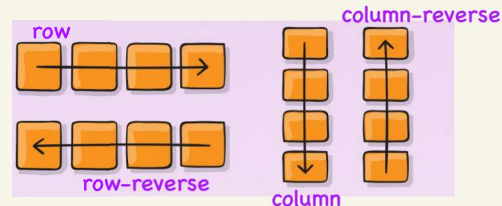
Cheatsheet / CSS-Flexbox

Property

values

display:	flex
flex-direction:	row column column-reverse row-reverse flex-start flex-end
justify-content:	center space-between space-around space-evenly
align-items:	flex-start flex-end center stretch baseline
align-content:	flex-start flex-end center stretch space-between space-around
align-self:	auto flex-start flex-end center baseline stretch
order:	<i>/*Any Positive Value*/</i>
flex-grow:	<i>/*Any Positive Value*/</i>
flex-shrink:	<i>/*Any Positive Value*/</i>
flex-wrap:	nowrap wrap wrap-reverse

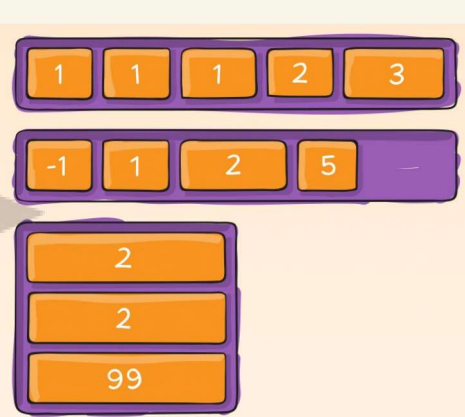
flex-direction



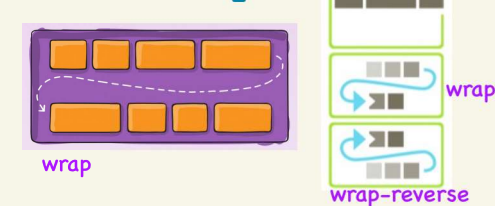
gap



order



flex-wrap



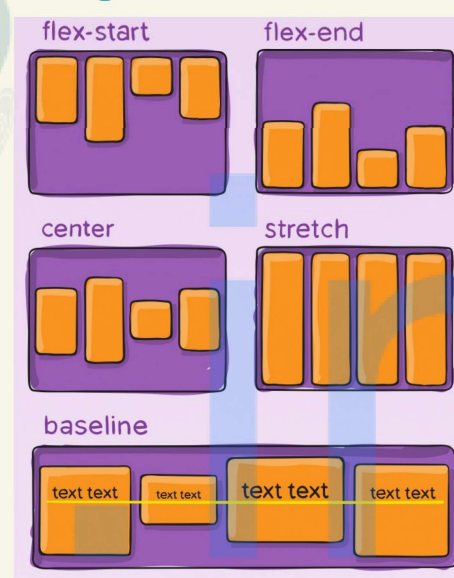
justify-content



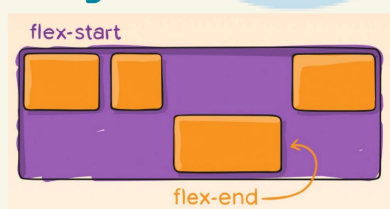
align-items



align-content



flex-grow flex-shrink align-self



Shorthand

flex-flow: row nowrap
(flex-direction flex-wrap)
place-content: center start
(align-content justify content)
flex: 0 1 auto
(flex-grow flex-shrink flex-basis)