Selectors

Universal Selector `* {}`	**ID Selector** `#id {}`
Class Selector `.class {}`	**Type Selector** `h1, h2 ,h3 {}`
Adjacent Sibling Selector `h1 + p {}`	**Child Selector** `ul > li {}`
General Sibling Selector `h1 ~ p {}`	**Descendant Selector** `p a {}`
Attribute Selector `div[attribute="SomeValue"] {}`	

Pseudo Selectors

Mouse Over Selector `a:hover {}`	**Active Link Selector** `a:active {}`
Focus Selector `input:focus {}`	**Visited Links Selector** `a:visited {}`

Link Selector

`.class:link {}`

Checked elements selector

`input:checked {}`

Disabled elements selector

`input:disabled {}`

Enabled elements selector

`input:enabled {}`

Not a Specified Element Selector

`:not(p) {}`

First Line Selector

`p::first-line {}`

First Letter Selector

`p::first-letter {}`

First Child Selector

`p:first-child {}`

Last Child Selector

`p:last-child {}`

:nth-child Selector

`p:nth-child() {}`

First Element of its Parent Selector

`p:first-of-type {}`

Elements that have no Children Selector

`p:empty {}`

Font Styling

Font style

`font-style: normal | italic | oblique`

Font Variant

`font-variant: normal | small-caps`

Font Weight

```
font-weight: normal | bold | bolder |
lighter | 100 - 900
```

Vertical Alignment

```
vertical-align: baseline | 10px | sub |
super | top | text-top | middle | bottom
| text-bottom | initial
```

Text Transform

```
text-transform: capitalise | lowercase |
uppercase
```

Font Size

```
font-size: 12px | 0.8em | 80%
```

Space Between Characters

```
letter-spacing: normal | 4px
```

Line Height

```
line-height: normal | 3em | 34%
```

Horizontal Alignment

```
text-align: left | right | center |
justify
```

Text Decoration

```
text-decoration: none | underline |
overline | line-through
```

Indent First Line

```
text-indent:
25px
```

Font Family

```
font-family: 'Open Sans', sans-serif
```

Position

Position

```
position: static | relative | absolute |
fixed | sticky
```

Position Properties

```
top | right | bottom | left
```

Float Element

```
float: left | right | none
```

Clear Floating Elements

```
clear: none | left | right | both
```

Z Index

```
z-index: 3 | auto | inherit
```

Background

Background Image

```
background-image: url()
```

Background Repeat

```
background-repeat: repeat-x | repeat-y |
repeat | space | round | no-repeat
```

Background Attachment

```
background-attachment: scroll | fixed |
local | initial | inherit
```

Background Color

```
background-color: #2AA9E0
```

Background Position

```
background-position: top | right |
bottom | left | center
```

Box Properties

Box Sizing

```
box-sizing: border-box | content-box
```

Margin

```
margin: 2px 4px 6px 8px | 0 auto
```

Padding

```
padding: 2px 4px 6px 8px
```

Border Color

```
border-color: #2AA9E0
```

Border Style

```
border-style: none | hidden | dotted |
dashed | solid | double | groove | ridge
| inset | outset
```

Border Width

```
border-width: 10px
```

List Styling

List Type

```
list-style-type: disc | circle | square
| none
```

List Position

```
list-style-position: inside | outside
```

List Image

```
list-style-image: url()
```

Flexbox

Flex Direction

```
flex-direction: row | row-reverse |
column | column-reverse
```

Flex Wrap

```
flex-wrap: nowrap | wrap | wrap-reverse
```

Justify Content

`justify-content: flex-start | flex-end | center | space-between | space-around | space-evenly`

Align Items

`align-items: flex-start | flex-end | center | baseline | stretch`

Align Content

`align-content: flex-start | flex-end | center | space-between | space-around | stretch`

Order

`order: 0`

Flex Grow

`flex-grow: 0`

Flex Shrink

`flex-shrink: 1`

Flex Basis

`flex-basis: 3px | auto`

Align Self

`align-self: auto | flex-start | flex-end | center | baseline | stretch`

CSS Grid

Grid Template Columns

`grid-template-columns: 40px 50px auto 50px 40px`

Grid Template Rows

`grid-template-rows: 25% 100px auto`

Grid Template Areas

`grid-template-areas: "a b c" | none`

Grid Template

`grid-template: "a a a" 20% "b b b" auto | 100px 1fr / 50px 1fr`

Grid Column Gap

Grid Row Gap

```
grid-column-gap: 10px
```

```
grid-row-gap: 10px
```

Justify Items

```
justify-items: start | end | center |
stretch
```

Align Items

```
align-items: start | end | center |
stretch
```

Justify Content

```
justify-content: flex-start | flex-end |
center | space-between | space-around |
space-evenly
```

Align Content

```
align-content: flex-start | flex-end |
center | space-between | space-around |
stretch
```

Grid Auto Columns

```
grid-auto-columns: 100px | max-content |
min-content
```

Grid Auto Rows

```
grid-auto-rows: 100px | max-content |
min-content
```

Grid Auto Flow

```
grid-auto-flow: row | column | row dense
| column dense
```

Grid Column Start

```
grid-column-start: 2 | areaname | span 2
| span areaname | auto
```

Grid Column End

```
grid-column-end: 2 | areaname | span 2 |
span areaname | auto
```

Grid Row Start

```
grid-row-start: 2 | areaname | span 2 |
span areaname | auto
```

Grid Row End

```
grid-row-end: 2 | areaname | span 2 |
span areaname | auto
```

Grid Column

```
grid-column: 3 / span 2
```

Grid Row

`grid-row: 3 / span 2`

Justify Self

`justify-self: start | end | center | stretch`

Align Self

`align-self: start | end | center | stretch`