



**CSS**

**Cheatsheet**

**Basics**

1. ***Selectors***

element { ... }      /\* Selects all <element> \*/

.class { ... }       /\* Selects all elements with class="class" \*/

#id { ... }          /\* Selects the element with id="id" \*/

\* { ... }            /\* Selects all elements \*/

1. ***Comments***

 /\* This is a comment \*/

1. ***Box Model***

element {

  margin: 10px;      /\* Outer space of element \*/

  border: 1px solid black; /\* Border of element \*/

  padding: 10px;     /\* Inner space of element \*/

  width: 100px;      /\* Width of content area \*/

  height: 100px;     /\* Height of content area \*/

}

**Text and Font**

1. ***Font***

element {

  font-family: Arial, sans-serif;  /\* Font family \*/

  font-size: 16px;             /\* Font size \*/

  font-weight: bold;           /\* Font weight: normal, bold, bolder, lighter, or number (100-900) \*/

  font-style: italic;          /\* Font style: normal, italic, oblique \*/

  color: #333;                 /\* Text color \*/

  text-align: center;          /\* Text alignment: left, right, center, justify \*/

  text-decoration: underline;  /\* Text decoration: none, underline, overline, line-through \*/

  line-height: 1.5;            /\* Line height \*/

  letter-spacing: 2px;         /\* Letter spacing \*/

  text-transform: uppercase;   /\* Text transform: none, capitalize, uppercase, lowercase \*/

}

**Background and Color**

1. ***Background***

element {

  background-color: #f0f0f0;   /\* Background color \*/

  background-image: url('image.jpg'); /\* Background image \*/

  background-repeat: no-repeat; /\* Background repeat: repeat, no-repeat, repeat-x, repeat-y \*/

  background-position: center; /\* Background position: left, right, center, top, bottom, or x y \*/

  background-size: cover;      /\* Background size: auto, cover, contain \*/

  opacity: 0.8;                /\* Opacity: 0 to 1 \*/

}

1. ***Color***

element {

  color: #333;                 /\* Text color \*/

  background-color: #f0f0f0;   /\* Background color \*/

  border-color: #ccc;          /\* Border color \*/

}

**Box Model**

1. ***Margin and Padding***

element {

  margin: 10px;      /\* Margin on all sides \*/

  margin-top: 10px;  /\* Margin top \*/

  margin-right: 10px; /\* Margin right \*/

  margin-bottom: 10px;   /\* Margin bottom \*/

  margin-left: 10px; /\* Margin left \*/

  padding: 10px;     /\* Padding on all sides \*/

  padding-top: 10px; /\* Padding top \*/

  padding-right: 10px;   /\* Padding right \*/

  padding-bottom: 10px;  /\* Padding bottom \*/

  padding-left: 10px; /\* Padding left \*/

}

1. ***Border***

element {

  border: 1px solid #000;      /\* Border width, style, and color \*/

  border-width: 2px;           /\* Border width \*/

  border-style: solid;         /\* Border style: none, solid, dotted, dashed, double \*/

  border-color: #000;          /\* Border color \*/

  border-radius: 5px;          /\* Rounded corners \*/

}

**Layout**

1. ***Display***

element {

  display: block;              /\* Block-level element \*/

  display: inline;             /\* Inline element \*/

  display: inline-block;       /\* Inline-block element \*/

  display: none;               /\* Hides the element \*/

}

1. ***Positioning***

element {

  position: static;            /\* Default positioning \*/

  position: relative;          /\* Relative positioning \*/

  position: absolute;          /\* Absolute positioning \*/

  position: fixed;             /\* Fixed positioning \*/

  position: sticky;            /\* Sticky positioning \*/

  top: 10px;                   /\* Top offset \*/

  right: 10px;                 /\* Right offset \*/

  bottom: 10px;                /\* Bottom offset \*/

  left: 10px;                  /\* Left offset \*/

  z-index: 10;                 /\* Z-index \*/

}

1. ***Float***

element {

  float: left;                 /\* Float left \*/

  float: right;                /\* Float right \*/

  clear: both;                 /\* Clear floats: left, right, both \*/

}

1. ***Flexbox***

container {

  display: flex;               /\* Flex container \*/

  flex-direction: row;         /\* Direction: row, row-reverse, column, column-reverse \*/

  flex-wrap: wrap;             /\* Wrapping: nowrap, wrap, wrap-reverse \*/

  justify-content: center;     /\* Alignment: flex-start, flex-end, center, space-between, space-around \*/

  align-items: center;         /\* Alignment: flex-start, flex-end, center, baseline, stretch \*/

}

item {

  flex: 1;                     /\* Flex grow, shrink, basis \*/

  align-self: center;          /\* Alignment: auto, flex-start, flex-end, center, baseline, stretch \*/

}

1. ***Grid***

container {

  display: grid;               /\* Grid container \*/

  grid-template-columns: repeat(3, 1fr);  /\* Column layout \*/

  grid-template-rows: repeat(3, 1fr); /\* Row layout \*/

  gap: 10px;                   /\* Gap between items \*/

}

item {

  grid-column: span 2;         /\* Column span \*/

  grid-row: span 2;            /\* Row span \*/

}

**Responsive Design**

1. ***Media Queries***

@media (max-width: 600px) {

  element {

font-size: 12px;

display: block;

  }

}

1. ***Units***

element {

  width: 50%;          /\* Percentage \*/

  height: 100vh;       /\* Viewport height \*/

  padding: 2em;        /\* Em units \*/

  margin: 10rem;       /\* Rem units \*/

}

**Animation**

1. ***Transitions***

element {

  transition: all 0.3s ease;    /\* Transition effect \*/

}

1. ***Keyframes***

@keyframes mymove {

  from {background-color: red;}

  to {background-color: yellow;}

}

element {

  animation: mymove 5s infinite; /\* Animation effect \*/

}

**Miscellaneous**

1. ***Visibility***

element {

  visibility: hidden; /\* Hidden but takes space \*/

  display: none;     /\* Hidden and doesn't take space \*/

}

1. ***Overflow***

element {

  overflow: visible; /\* Default overflow \*/

  overflow: hidden;  /\* Hide overflow \*/

  overflow: scroll;  /\* Scroll overflow \*/

  overflow: auto;    /\* Auto overflow \*/

}