CSS Cheat Sheet

CSS Selectors

Basic Selectors

- *: Universal selector (selects all elements)
- element: Type selector (selects all <element> elements)
- .class: Class selector (selects all elements with class="class")
- #id: ID selector (selects the element with id="id")

Attribute Selectors

- [attr]: Selects elements with the specified attribute
- [attr=value]: Selects elements with a specific attribute value
- [attr~=value]: Selects elements with an attribute value containing a word
- [attr|=value]: Selects elements with an attribute value starting with a value

Combinators

- A B: Descendant selector (selects all B inside A)
- A > B: Child selector (selects all B directly inside A)
- A + B: Adjacent sibling selector (selects B immediately after A)
- A ~ B: General sibling selector (selects all B after A)

Pseudo-classes

- :link: Unvisited link
- :visited: Visited link
- :hover: Mouse over element
- :focus: Element is focused
- :first-child: First child of its parent
- :last-child: Last child of its parent
- :nth-child(n): nth child of its parent
- :not(selector): Elements not matching the selector

Pseudo-elements

- ::before: Insert content before an element
- ::after: Insert content after an element
- ::first-letter: Style the first letter of an element
- ::first-line: Style the first line of an element

CSS Properties

Box Model

- width: Width of the element
- height: Height of the element
- margin: Space outside the border
  - margin-top
  - margin-right
  - margin-bottom
  - margin-left
- padding: Space inside the border
  - padding-top
  - padding-right
  - padding-bottom
  - padding-left
- border: Border around the element
  - border-width
  - border-style
  - border-color
  - border-radius

Positioning

- position: Positioning method
  - static
  - relative
  - absolute
  - fixed
  - sticky
- top: Top position
- right: Right position
- bottom: Bottom position
- left: Left position
- z-index: Stack order

Display & Visibility

- display: Display type
  - block
  - inline
  - inline-block
  - flex
  - grid
  - none
- visibility: Visibility of the element
  - visible
  - hidden

Flexbox

- display: flex: Enables flex container
- flex-direction: Direction of the flex items
  - row
  - row-reverse
  - column
  - column-reverse
- justify-content: Horizontal alignment
  - flex-start
  - flex-end
  - center
  - space-between
  - space-around
  - space-evenly
- align-items: Vertical alignment
  - flex-start
  - flex-end
  - center
  - baseline
  - stretch
- flex-wrap: Wrap flex items
  - nowrap
  - wrap
  - wrap-reverse

Grid

- display: grid: Enables grid container
- grid-template-columns: Defines columns
- grid-template-rows: Defines rows
- grid-gap: Gap between grid items
- grid-column: Grid item column
- grid-row: Grid item row

Typography

- font-family: Font family
- font-size: Font size
- font-weight: Font weight
- font-style: Font style
- text-align: Text alignment
- text-decoration: Text decoration
- line-height: Line height
- letter-spacing: Spacing between letters
- word-spacing: Spacing between words

Backgrounds

- background-color: Background color
- background-image: Background image
- background-position: Initial position
- background-size: Size of the background
- background-repeat: Repeat pattern
- background-attachment: Attachment behavior

Colors

- color: Text color
- opacity: Opacity level

Lists

- list-style-type: Type of list marker
- list-style-position: Position of list marker
- list-style-image: Custom list marker

Tables

- border-collapse: Collapsing table borders
- border-spacing: Space between table borders
- caption-side: Position of table caption
- empty-cells: Display of empty cells

Transitions

- transition: Transition property
- transition-property: Name of the CSS property
- transition-duration: Duration of the transition
- transition-timing-function: Timing function for the transition
- transition-delay: Delay before the transition starts

Transforms

- transform: Transform property
  - translate(x, y)
  - rotate(angle)
  - scale(x, y)
  - skew(x-angle, y-angle)
- transform-origin: Origin of the transform

Animations

- animation: Shorthand for animation properties
- animation-name: Name of the @keyframes animation
- animation-duration: Duration of the animation
- animation-timing-function: Timing function for the animation
- animation-delay: Delay before the animation starts
- animation-iteration-count: Number of times the animation should run
- animation-direction: Direction of the animation
- @keyframes: Defines the animation

Miscellaneous

- cursor: Type of cursor
- overflow: Handling of overflowing content
  - visible
  - hidden
  - scroll
  - auto