

## *All css properties for web page there we use in html in style tags*

Here's a list of common CSS properties with short definitions:

### Layout & Box Model

- **width, height**: Set the element's width/height.
- **max-width, max-height**: Limit the maximum width/height.
- **min-width, min-height**: Set the minimum width/height.
- **margin**: Space outside an element.
- **padding**: Space inside an element, between content and border.
- **border**: Defines border around an element.
- **border-radius**: Rounds the corners of an element.
- **display**: Controls element's display behavior (e.g., block, inline, none).
- **position**: Defines how an element is positioned (e.g., relative, absolute, fixed).
- **top, bottom, left, right**: Position offset values for positioned elements.
- **z-index**: Layering of positioned elements.
- **overflow**: Controls content overflow (e.g., hidden, scroll).
- **float**: Aligns an element to the left or right.
- **clear**: Controls floating elements.
- **box-shadow**: Adds shadow around an element.
- **box-sizing**: Defines how width/height is calculated (content-box or border-box).

### Flexbox

- **display: flex**: Activates Flexbox layout.
- **flex-direction**: Defines main axis direction (row/column).
- **justify-content**: Aligns items along the main axis.
- **align-items**: Aligns items along the cross axis.
- **align-content**: Space between flex lines.

- **flex-wrap:** Defines if items should wrap onto multiple lines.
- **flex-basis:** Initial size of a flex item.
- **flex-grow:** Controls how much a flex item will grow.
- **flex-shrink:** Controls how much a flex item will shrink.
- **align-self:** Aligns a specific flex item.
- **order:** Controls the order of flex items.

## Grid

- **display: grid:** Activates Grid layout.
- **grid-template-columns, grid-template-rows:** Define the number and size of grid columns/rows.
- **grid-template-areas:** Names for grid areas.
- **grid-column, grid-row:** Place items across columns/rows.
- **grid-auto-columns, grid-auto-rows:** Automatically generated column/row size.
- **grid-gap:** Space between grid items.
- **justify-items:** Aligns items horizontally within their grid area.
- **align-items:** Aligns items vertically within their grid area.
- **justify-content, align-content:** Aligns entire grid within its container.

## Typography

- **font-family:** Defines the font for text.
- **font-size:** Sets the size of the text.
- **font-weight:** Sets the thickness of the font (e.g., bold).
- **font-style:** Defines font style (e.g., italic).
- **line-height:** Controls space between lines of text.
- **letter-spacing:** Space between characters.
- **text-align:** Aligns text horizontally (e.g., left, right, center).
- **text-transform:** Changes text case (uppercase, lowercase).
- **text-decoration:** Adds decoration to text (e.g., underline).
- **text-shadow:** Adds shadow to text.
- **white-space:** Controls how whitespace is handled.
- **color:** Text color.

## Background & Borders

- **background:** Shorthand for setting background properties.
- **background-color:** Sets the background color.
- **background-image:** Adds a background image.
- **background-repeat:** Controls repeating of background images.
- **background-position:** Position of the background image.
- **background-size:** Size of the background image.
- **border:** Shorthand for setting border properties.
- **border-width:** Sets border width.
- **border-style:** Sets border style (e.g., solid, dashed).
- **border-color:** Sets border color.
- **border-radius:** Rounds the corners of borders.
- **outline:** Similar to border, but doesn't affect layout.

## List Properties

- **list-style:** Shorthand for list styling.
- **list-style-type:** Defines bullet/number style for lists.
- **list-style-position:** Position of bullets/numbers.
- **list-style-image:** Uses an image for list bullets.

## Table Properties

- **border-collapse:** Merges table borders into a single border.
- **border-spacing:** Space between table cells.
- **table-layout:** Controls table layout (fixed or auto).
- **caption-side:** Position of table captions.
- **empty-cells:** Shows/hides borders of empty table cells.

## Color & Opacity

- **color:** Text color.
- **opacity:** Adjusts the transparency of an element.

## Transitions & Animations

- **transition:** Shorthand for defining transition properties.

- **transition-property:** The property to transition (e.g., width).
- **transition-duration:** How long the transition lasts.
- **transition-timing-function:** Transition speed curve.
- **transition-delay:** Delay before transition starts.
- **animation:** Shorthand for defining animations.
- **animation-name:** Keyframe name for animation.
- **animation-duration:** Duration of the animation.
- **animation-timing-function:** Speed curve of the animation.
- **animation-delay:** Delay before animation starts.
- **animation-iteration-count:** Number of times the animation repeats.
- **animation-direction:** Direction of the animation (e.g., normal, reverse).

### Transformations

- **transform:** Applies transformations (e.g., rotate, scale).
- **transform-origin:** Pivot point for transformations.
- **transform-style:** Defines how nested elements are transformed.
- **perspective:** Adds perspective for 3D effects.
- **perspective-origin:** Point where perspective originates.
- **backface-visibility:** Defines if the back face of an element is visible.

### Visual Effects

- **visibility:** Shows/hides an element without affecting layout.
- **cursor:** Changes the mouse cursor.
- **filter:** Applies graphical effects (e.g., blur).
- **backdrop-filter:** Applies effects to the area behind an element.

### Other Properties

- **content:** Used with pseudo-elements to generate content.
- **clip:** Clips an element to a rectangular area.
- **quotes:** Defines quotes for the quote element.
- **resize:** Controls the resizing of elements.
- **pointer-events:** Controls if an element reacts to pointer events.

- **direction:** Text direction (e.g., ltr, rtl).
- **writing-mode:** Defines text direction (e.g., vertical, horizontal).

### Media Queries

- **@media:** Applies styles conditionally based on screen size or other factors.
- **@supports:** Applies styles conditionally based on browser support for CSS features.

This should give you a quick overview of many CSS properties!