list of CSS properties (tags/words) and their meanings

Box Model Properties

1. **Margin**: Space outside an element, separating it from other elements.
2. **Padding**: Space inside an element, between the content and the border.
3. **Border**: The edge around an element, which can have styles, widths, and colors.
4. **Width**: Specifies the width of an element.
5. **Height**: Specifies the height of an element.

Text and Font Properties

1. **Color**: Sets the color of text.
2. **Font-Family**: Specifies the font style of text (e.g., Arial, Times New Roman).
3. **Font-Size**: Sets the size of the font.
4. **Font-Weight**: Controls the thickness of text (e.g., normal, bold).
5. **Text-Align**: Aligns text horizontally (left, center, right).
6. **Text-Decoration**: Adds effects to text like underline, overline, or none.
7. **Line-Height**: Sets the space between lines of text.
8. **Letter-Spacing**: Controls the space between letters.
9. **Word-Spacing**: Controls the space between words.
10. **Text-Transform**: Changes the case of text (uppercase, lowercase, capitalize).

Background Properties

1. **Background-Color**: Sets the background color of an element.
2. **Background-Image**: Adds an image as the background.
3. **Background-Size**: Controls the size of the background image (e.g., cover, contain).
4. **Background-Position**: Defines the position of the background image.
5. **Background-Repeat**: Specifies whether the background image repeats or not.

Positioning and Display Properties

1. **Position**: Specifies the positioning method of an element (static, relative, absolute, fixed).
2. **Top, Right, Bottom, Left**: Defines the position of an element relative to its container.
3. **Z-Index**: Determines the stack order of elements (higher numbers appear on top).
4. **Display**: Controls the layout of an element (block, inline, flex, grid, none).
5. **Overflow**: Specifies how content is handled when it overflows its container (visible, hidden, scroll).

Flexbox Properties

1. **Display: Flex**: Enables flexbox layout on a container.
2. **Flex-Direction**: Defines the direction of flex items (row, column).
3. **Justify-Content**: Aligns items along the main axis (start, center, space-between).
4. **Align-Items**: Aligns items along the cross axis (stretch, center).
5. **Flex-Wrap**: Specifies whether items wrap onto multiple lines.

Grid Properties

1. **Display: Grid**: Enables grid layout on a container.
2. **Grid-Template-Columns**: Defines the column structure in a grid.
3. **Grid-Template-Rows**: Defines the row structure in a grid.
4. **Gap**: Sets the space between rows and columns in a grid.
5. **Place-Items**: Aligns grid items both vertically and horizontally.

Animation and Transition Properties

1. **Animation**: Creates animations using keyframes.
2. **Transition**: Adds smooth effects when properties change.
3. **Transform**: Applies transformations like rotate, scale, or translate.

Color and Visual Properties

1. **Opacity**: Controls the transparency of an element (0 = fully transparent, 1 = fully opaque).
2. **Box-Shadow**: Adds shadow effects around an element.
3. **Border-Radius**: Rounds the corners of an element.

Responsive Design

1. **Media Queries**: Applies styles based on screen size and device type.
2. **Viewport Width (vw)**: Specifies the width of an element relative to the viewport.
3. **Viewport Height (vh)**: Specifies the height of an element relative to the viewport.

Box Model Properties:

Full Word	Short Form (Tailwind-like)	Description
margin	m	Space outside the element.
margin-top	mt	Space at the top of the element.
margin-right	mr	Space at the right of the element.
margin-bottom	mb	Space at the bottom of the element.
margin-left	ml	Space at the left of the element.
padding	p	Space inside the element.
padding-top	pt	Padding at the top of the element.
padding-right	pr	Padding at the right of the element.
padding-bottom	pb	Padding at the bottom of the element.
padding-left	pl	Padding at the left of the element.
border	border	Adds a border around the element.
border-radius	rounded	Rounds the corners of the element.

Text and Font Properties:

Full Word	Short Form (Tailwind-like)	Description
color	text-[color]	Text color.
font-family	font-[family]	Font style.
font-size	text-[size]	Font size.
font-weight	font-[weight]	Thickness of the font (e.g., bold).
text-align	text-[alignment]	Aligns text (left, center, right).
text-decoration	underline/no-underline	Adds or removes underline styles.
line-height	leading-[value]	Space between lines of text.
letter-spacing	tracking-[value]	Space between letters.
text-transform	uppercase/lowercase	Changes the case of the text.

Background Properties:

Full Word	Short Form (Tailwind-like)	Description
background-color	bg-[color]	Background color of the element.
background-image	bg-[image]	Background image of the element.
background-size	bg-[size]	Size of the background image.
background-repeat	bg-no-repeat	Disables repeating of the background image.

Positioning and Layout:

Full Word	Short Form (Tailwind-like)	Description
position	relative, absolute	Specifies the positioning type of the element.
top	top-[value]	Sets the top position of the element.

right	right-[value]	Sets the right position of the element.
bottom	bottom-[value]	Sets the bottom position of the element.
left	left-[value]	Sets the left position of the element.
z-index	z-[value]	Stack order of the element.
display	`block, inline, hidden`	Specifies how an element is displayed.

Flexbox Properties:

Full Word	Short Form (Tailwind-like)	Description
display: flex	flex	Enables flexbox layout on the container.
flex-direction	`flex-row, flex-col`	Sets the direction of flex items.
justify-content	justify-[value]	Aligns items along the main axis.
flex-wrap	`flex-wrap`/`flex-nowrap`	Specifies whether items wrap onto new lines.
align-items	items-[value]	Aligns items along the cross axis.

Grid Properties:

Full Word	Short Form (Tailwind-like)	Description
display: grid	grid	Enables grid layout on the container.
grid-template-cols	grid-cols-[value]	Sets the column structure in the grid.
grid-template-rows	grid-rows-[value]	Sets the row structure in the grid.
gap	gap-[value]	Space between grid rows and columns.

Effects and Visuals:

Full Word	Short Form (Tailwind-like)	Description
opacity	opacity-[value]	Transparency of the element.
box-shadow	shadow-[size]	Shadow effect around the element.
transition	transition-[property]	Adds smooth transitions between states.
transform	`scale-[value], rotate`	Applies scaling or rotating transformations.