

# COMMONLY USED PROPERTIES

## 1. align-items

**Usage:** Aligns items along the cross axis in a flex container.

**Example:**

```
.container {  
    display: flex;  
    align-items: center; /* Aligns items vertically center */  
}
```

## 2. background-color

**Usage:** Sets the background color of an element.

**Example:**

```
.box {  
    background-color: lightblue; /* Sets the background color to light blue */  
}
```

## 3. border

**Usage:** Defines the border around an element.

**Example:**

```
.box {  
    border: 2px solid black; /* 2px solid black border */  
}
```

#### **4. border-radius**

**Usage:** Rounds the corners of an element's border.

**Example:**

```
.box {  
    border-radius: 10px; /* Rounds the corners with a radius of 10px */  
}
```

#### **5. box-shadow**

**Usage:** Applies shadow effects to an element.

**Example:**

```
.box {  
    box-shadow: 5px 5px 15px gray; /* Creates a shadow with offset 5px and blur 15px */  
}
```

#### **6. color**

**Usage:** Sets the color of text.

**Example:**

```
.text {  
    color: red; /* Sets the text color to red */  
}
```

#### **7. display**

**Usage:** Specifies the display behavior of an element.

**Example:**

```
.hidden {  
    display: none; /* Hides the element */  
}
```

## 8. flex

**Usage:** Defines how a flex item will grow or shrink to fit its container.

**Example:**

```
.item {  
    flex: 1; /* Allows the item to grow and fill available space */  
}
```

## 9. font-family

**Usage:** Sets the font for text.

**Example:**

```
.text {  
    font-family: Arial, sans-serif; /* Sets the font to Arial or a generic sans-serif font */  
}
```

## 10. font-size

**Usage:** Defines the size of the font.

**Example:**

```
.text {  
    font-size: 16px; /* Sets the font size to 16px */  
}
```

## 11. height

**Usage:** Specifies the height of an element.

**Example:**

```
.box {  
    height: 100px; /* Sets the height to 100px */  
}
```

## 12. margin

**Usage:** Sets the margin area around an element.

**Example:**

```
.box {  
    margin: 20px; /* Adds 20px margin on all sides */  
}
```

## 13. padding

**Usage:** Sets the padding area inside an element.

**Example:**

```
.box {  
    padding: 15px; /* Adds 15px padding inside the element */  
}
```

## 14. position

**Usage:** Defines how an element is positioned in the document.

**Example:**

```
.box {  
    position: absolute; /* Positions the element absolutely within its container */  
    top: 10px;  
    left: 20px;  
}
```

## 15. text-align

**Usage:** Specifies the horizontal alignment of text.

**Example:**

```
.text {  
    text-align: center; /* Centers the text horizontally */  
}
```

## 16. text-transform

**Usage:** Controls the capitalization of text.

**Example:**

```
.text {  
    text-transform: uppercase; /* Transforms text to uppercase */  
}
```

## 17. width

**Usage:** Specifies the width of an element.

**Example:**

```
.box {  
    width: 200px; /* Sets the width to 200px */  
}
```

## 18. z-index

**Usage:** Controls the stacking order of positioned elements.

**Example:**

```
.box {  
    position: relative;  
    z-index: 10; /* Elements with higher z-index appear above those with lower z-index */  
}
```

## 19. overflow

**Usage:** Specifies what should happen if content overflows an element's box.

**Example:**

```
.box {  
    overflow: auto; /* Adds scrollbars if content overflows */  
}
```

## 20. transform

**Usage:** Applies a 2D or 3D transformation to an element.

**Example:**

```
.box {  
    transform: rotate(45deg); /* Rotates the element 45 degrees */  
}
```

## 21. justify-content

**Usage:** Aligns flex items along the main axis of a flex container.

**Example:**

```
.container {  
    display: flex;  
    justify-content: space-between; /* Distributes space between items */  
}
```

## 22. align-content

**Usage:** Aligns flex lines within a flex container.

**Example:**

```
.container {  
    display: flex;  
    align-content: center; /* Aligns flex lines vertically center */  
}
```

## 23. background-image

**Usage:** Sets one or more background images for an element.

**Example:**

```
.box {  
    background-image: url('background.jpg'); /* Sets a background image */  
}
```

```
}
```

## 24. border-collapse

**Usage:** Specifies whether table borders are collapsed or separated.

**Example:**

```
table {  
    border-collapse: collapse; /* Collapses table borders into a single border */  
}
```

## 25. box-sizing

**Usage:** Controls how the total width and height of an element are calculated.

**Example:**

```
.box {  
    box-sizing: border-box; /* Includes padding and border in the element's total width and  
height */  
}
```

## Summary

- **Layout:** display, position, flex, width, height, margin, padding, box-sizing, overflow, transform
- **Typography:** font-family, font-size, text-align, text-transform
- **Appearance:** background-color, border, border-radius, box-shadow, color, z-index, background-image, border-collapse, align-items, justify-content, align-content, text-decoration, opacity