

# Display Property

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# Overview



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Example

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- The display property in CSS is used to control the layout behavior of an element. It defines how an element is displayed on the page and affects its position and the layout of other elements around it. Here are some common values for the display property:

```
display: block;
```

```
display: inline;
```

```
display: inline-block;
```

```
display: none;
```

```
display: flex;
```

```
display: grid;
```

```
display: list-item;
```

## 1. **display: block;**

The element takes up the full width available, starting on a new line.

- Examples: `<div>`, `<h1>`, `<p>`, `<section>`, etc.

```
div {  
  display: block;  
}
```

## 2. **display: inline;**

The element only takes up as much width as its content and does not start on a new line.

- Examples: `<span>`, `<a>`, `<strong>`, etc.

```
span {  
  display: inline;  
}
```

### 3. **display: inline-block;**

Combines the characteristics of inline and block: it flows inline but can have width and height properties.

```
button {  
  display: inline-block;  
}
```

### 4. **display: none;**

The element is hidden and does not take up any space in the layout.

```
.element {  
  display: none;  
}
```

## 5. display: flex;

Creates a flex container, which allows for flexible and responsive layouts.

```
.container {  
  display: flex;  
}
```

- flex-direction: **flex-direction** property defines the main axis along which the flex container's items are placed. It determines the direction in which the flex items are laid out

### Visual Representation

- Row: → Item 1 → Item 2 → Item 3
- Row-Reverse: ← Item 3 ← Item 2 ← Item 1
- Column: ↓ Item 1 ↓ Item 2 ↓ Item 3
- Column-Reverse: ↑ Item 3 ↑ Item 2 ↑ Item 1

## Values:

- row (default) Items are arranged horizontally from left to right.

Main Axis: Horizontal Cross Axis: Vertical

- row-reverse: Items are arranged horizontally but in reverse order (from right to left).

Main Axis: Horizontal Cross Axis: Vertical

- column: Items are arranged vertically from top to bottom.

Main Axis: Vertical Cross Axis: Horizontal

- column-reverse: Items are arranged vertically but in reverse order (from bottom to top).

Main Axis: Vertical Cross Axis: Horizontal



## 6. **display: grid;**

Creates a grid container, enabling a grid-based layout.

```
.container {  
  display: grid;  
}
```

## 7. **display: list-item;**

Makes an element behave like a list item, commonly used in `<li>` elements..

```
li {  
  display: list-item;  
}
```

# References

[https://www.w3schools.com/cssref/pr\\_class\\_display.php](https://www.w3schools.com/cssref/pr_class_display.php)

<https://www.geeksforgeeks.org/css-display-property/>

[https://www.w3schools.com/css/css\\_display\\_visibility.asp](https://www.w3schools.com/css/css_display_visibility.asp)

<https://www.programiz.com/css/display>