

Display Properties

The display property in CSS is a fundamental concept that determines how an HTML element is positioned and rendered on the web page. It plays a crucial role in the layout and visual representation of your website or application.

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The Display Property

1 Block

Elements that take up the full width of their parent container and create a new line.

2 Inline

Elements that only take up the space they need and flow inline with other elements.

3 Inline-Block

Combines the properties of block and inline, allowing elements to sit side-by-side while maintaining their own dimensions.

4 None

Hides the element completely, removing it from the document flow.

Block vs Inline

Block Elements

Block-level elements take up the full width of their parent container and create a new line. Examples include `div`, `h1-h6`, and `p`.

Inline Elements

Inline elements only take up the space they need and flow inline with other elements. Examples include `span`, `a`, and `img`.

Key Differences

Block elements can have width and height properties, while inline elements cannot. Block elements create a new line, while inline elements flow inline.

Inline-Block

1

Inline-Like Behavior

Inline-block elements flow inline with other elements, like inline elements.

2

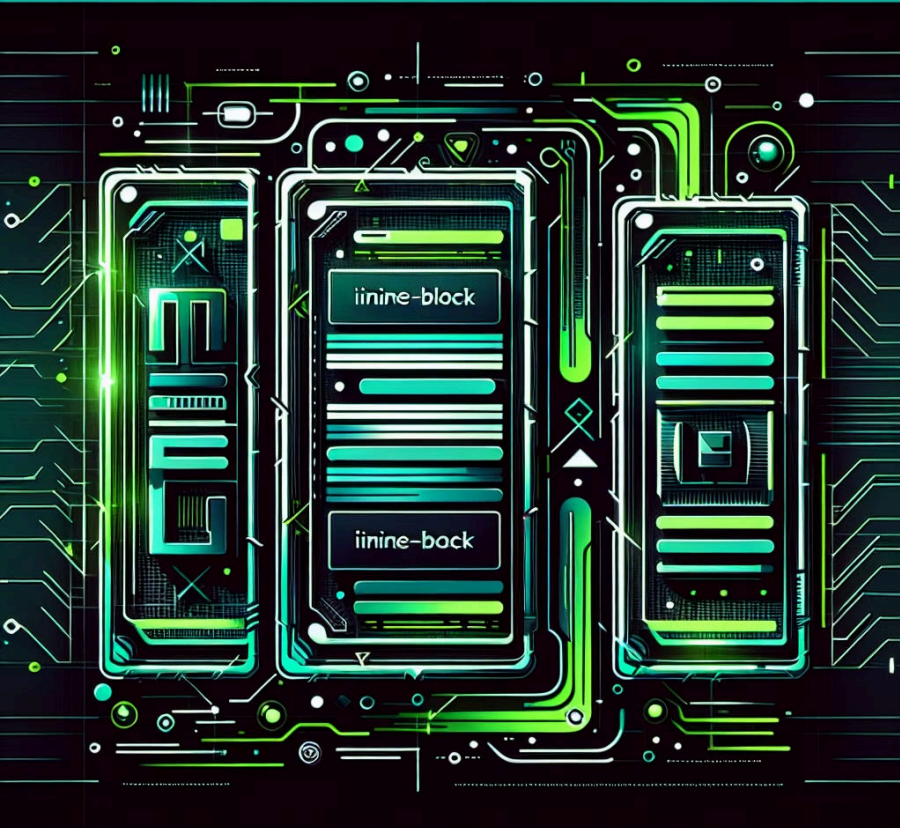
Block-Like Properties

Inline-block elements can have width and height properties, like block elements.

3

Flexible Layout

Inline-block elements can be used to create flexible, responsive layouts by aligning elements horizontally.



None and Hidden

None

The `display: none;` property completely removes the element from the document flow, as if the element never existed.

Hidden

The `visibility: hidden;` property hides the element, but it still takes up space in the layout, unlike `display: none;`.

Key Difference

`display: none;` removes the element, while `visibility: hidden;` keeps the element in the layout but makes it invisible.

Use Cases

`display: none;` is useful for toggling elements on and off, while `visibility: hidden;` is better for temporarily hiding elements.

