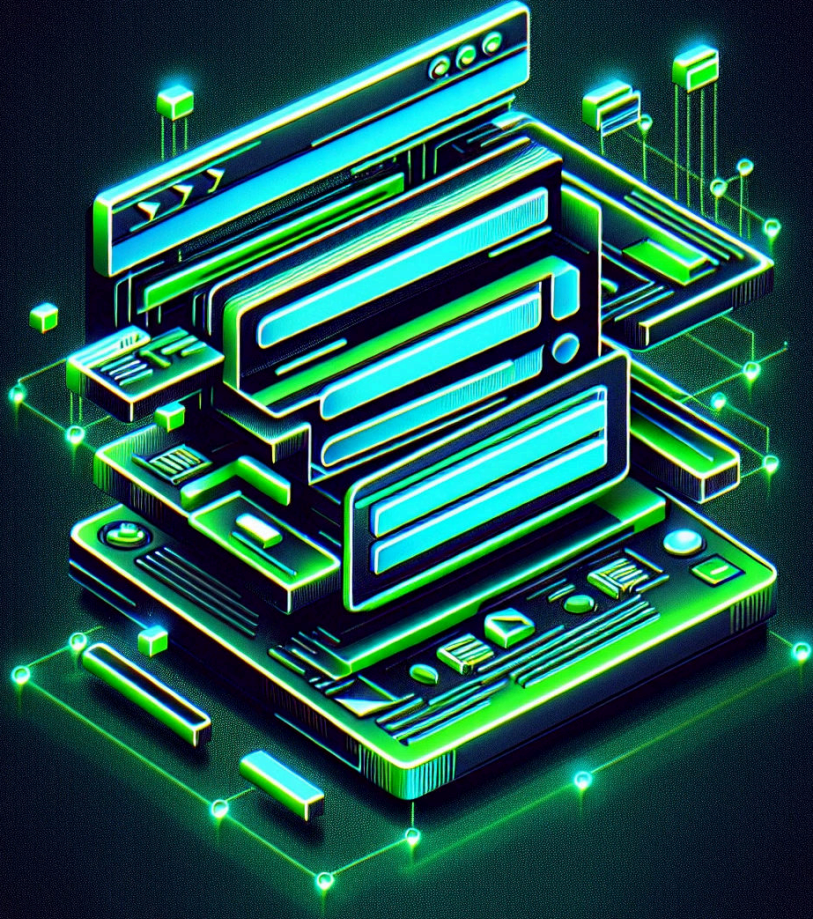




Position Properties

Position properties in CSS allow you to control the placement and behavior of elements on a web page. Understanding these properties is crucial for creating visually appealing and responsive layouts.

IV by IT Vedant



Static Positioning

1

Default Positioning

Elements are positioned according to the normal flow of the document.

2

Not Affected by z-index

Static-positioned elements do not participate in the z-index stacking context.

3

Ignores Offset Properties

Properties like top, right, bottom, and left have no effect on statically-positioned elements.

Relative Positioning

Offset from Normal Position

Relatively-positioned elements are offset from their normal position based on the provided offset properties (top, right, bottom, left).

Maintains Document Flow

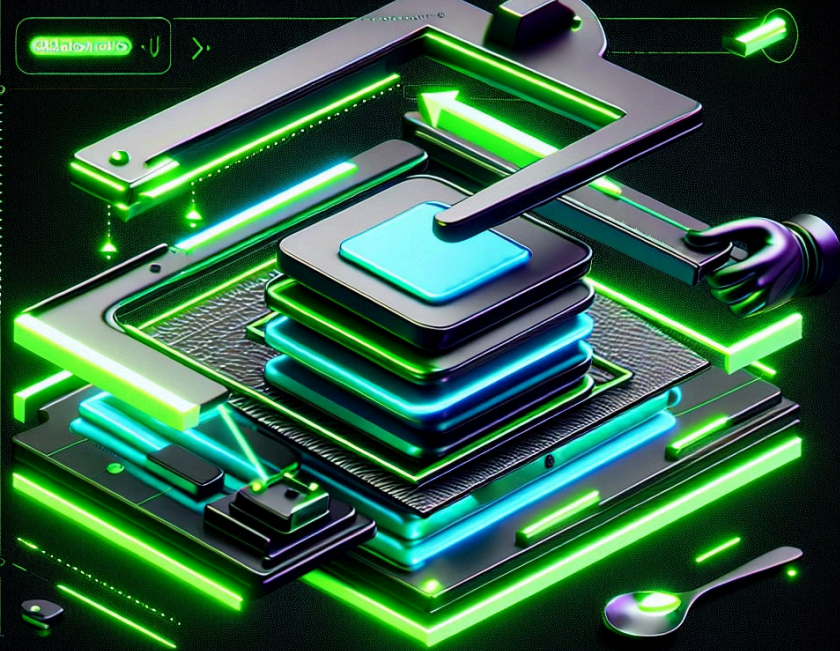
Even though the element is shifted, it still occupies the space it would have in the normal document flow.

Stacking Context

Relatively-positioned elements participate in the z-index stacking context, allowing you to control their layering.

Absolute Positioning

Absolute positioning



Create the 3D elements directly with absolute positioning with a model that is so simple to use that it can be used to create a model that has been completely separated for use in the normal document flow.

1

Removed from Normal Flow

Absolutely-positioned elements are completely removed from the normal document flow.

2

Positioned Relative to Parent

The element is positioned relative to its nearest positioned ancestor (or the viewport if no ancestor is positioned).

3

Flexible Positioning

Offset properties (top, right, bottom, left) can be used to position the element exactly where desired.

Fixed Positioning



Anchored to Viewport

Fixed-positioned elements are positioned relative to the viewport and do not move when the page is scrolled.



Stacking Context

Fixed-positioned elements create a new stacking context, allowing for precise control over layering.



Responsive Positioning

Fixed positioning can be useful for creating persistent UI elements like navigation bars or menus.

