

CSS Positioning

CSS controls where your
HTML content is positioned.

CSS POSITIONING

the *display* property

CSS POSITIONING

```
div {  
    display: inline;  
    display: inline-block;  
    display: block;  
    display: none;  
}
```

CSS POSITIONING

`display: inline;`

- Elements like ``, ``, or ``
- Doesn't break the flow of the text
- Accepts margin and padding
- Margin and padding only push other elements horizontally, not vertically
- Will not accept height and width - just ignores it.

CSS POSITIONING

`display: inline-block;`

- Very similar to inline
- Sets element inline with the natural flow of text (on the baseline)
- WILL accept a width and height
- No default inline-block elements - must be set in CSS

CSS POSITIONING

`display: block;`

- Elements like `<div>`, `<section>`, ``
- Also text "blocks" like `<p>` and `<h1>`
- Do not sit inline but break past them
- By default - take up as much horizontal space as they can.
- Accepts margin, padding, height, and width
- Will push other elements horizontally and vertically

CSS POSITIONING

`display: none;`

- Totally removes the element from the page.
- Element is still in your code, just removed visually
- It is ignored by screen readers, etc

CSS POSITIONING

normal flow

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normal flow

- default position
- every block on new line, ALWAYS
- position: static

CSS POSITIONING

position: relative

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position: relative

- shifts the block a precise amount from where it WOULD have been
- new position does not affect position of other elements

CSS POSITIONING

position: absolute

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position: absolute

- positions element in relation to its containing element
- taken out of flow & does not affect flow of other elements
- element moves as user scrolls

CSS POSITIONING

position: fixed

CSS POSITIONING

position: fixed

- positions element at an absolute position in relation to the window
- does not affect position of other elements
- does not move as user scrolls

CSS POSITIONING

float

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float

- take element out of normal flow
- position to far right or left
- becomes a BLOCK element
(others flow around it)

CSS POSITIONING

other core concepts

- clearing floats
- floating objects next to each other
- z-index