

Various Advanced Styling

TJ Dev Club



Intro

Assuming every one already knows basic CSS: selectors, declarations, properties

Beginner CSS slides are available to help you refresh if you need



Position property

Used in conjunction with top, left, right, bottom.

Changes how the element is laid out on the screen.

```
div {  
  position: absolute;  
  top: 40px;  
  left: 40px;  
}
```



position: static;

Default. Browser automatically lays it out.

```
<style>
  #target {
    position: static;
    top: 10px;
    right: 10px;
    background-color: green;
  }

  div {
    background-color: blue;
    color: white;
```



position: relative;

Moves the element from where it would normally be. The gap where it normally would be is still there.

```
<style>
  #target {
    position: relative;
    top: 10px;
    right: 10px;
    background-color: green;
  }

  div {
    background-color: blue;
    color: white;
```



position: absolute;

Position relative to the container. No gap is left for it.

```
<style>
  #target {
    position: absolute;
    top: 10px;
    left: 10px;
    background-color: green;
  }

  div {
    background-color: blue;
    color: white;
```



BTW: z-index

z-index controls layering position. Only works with elements not positioned static.

```
<style>
  #target {
    z-index: 1;
    position: absolute;
    top: 10px;
    left: 10px;
    background-color: green;
  }

  div {
    position: relative;
```



backdrop-filter

Set the background color to something not completely opaque, and then add `backdrop-filter` to `blur` to make a glass background.

```
<style>
  #inside {
    position: absolute;
    background-color: #ffffff55;
    margin: 55px;
    padding: 100px;
    backdrop-filter: blur(10px);
  }

  #wrapper {
    background-image: url("https://upload.wikimedia.org/wikipedia/commons/thumb/6/61/HTML5_logo_and_wordmark.svg/1280px-");
```



Custom Fonts

```
@font-face {  
  font-family: "IBM Plex Mono";  
  src: url("IBMPlexSans-VariableFont_wght.ttf") format("truetype");  
}  
  
* {  
  font-family: "IBM Plex Mono";  
}
```



Custom Fonts

Get a copy of IBM Plex Mono or find another font on fonts.google.com.

Download the template HTML file.



