

# Various Advanced Styling

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TJ Dev Club



# Intro

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

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



# Position property

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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

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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

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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

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



# Custom Fonts

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

Download the template HTML file.



