

Drawing Triangles on the Canvas

WE'LL COVER THE FOLLOWING ^

- Brief Intro to Canvas

When you are working with the `canvas` element in HTML, you have some built-in functions that help you easily draw common shapes like circles, squares, and lines. Guess what shape you don't have a built-in function to help you easily draw?

If you guessed any shape other than a triangle, I weep for you. Because there is no built-in `triangle` function, drawing triangles on the `canvas` is a bit more involved and error prone than the other shapes:



What you want :)



What you got :(

Not to worry, though! In this tutorial, we will take a look at all the boring steps and how you can make drawing triangles really easy...and maybe even fun!

Onwards!

The `canvas` element allows you to programatically place pixels on the screen. It does all of this by expecting you to specify simple (and often tedious) draw commands that mimic the path a pen would take on a piece of paper. It's not as boring as I am making it out to be, but it's no episode of [House of Cards](#) either.

The [DOM vs. Canvas article](#) gives you better idea of why the canvas does things the way it does.