What you'll Learn

I'll first walk you through the basics of CSS Variables. I believe any decent attempt at understanding CSS Variables must begin here.
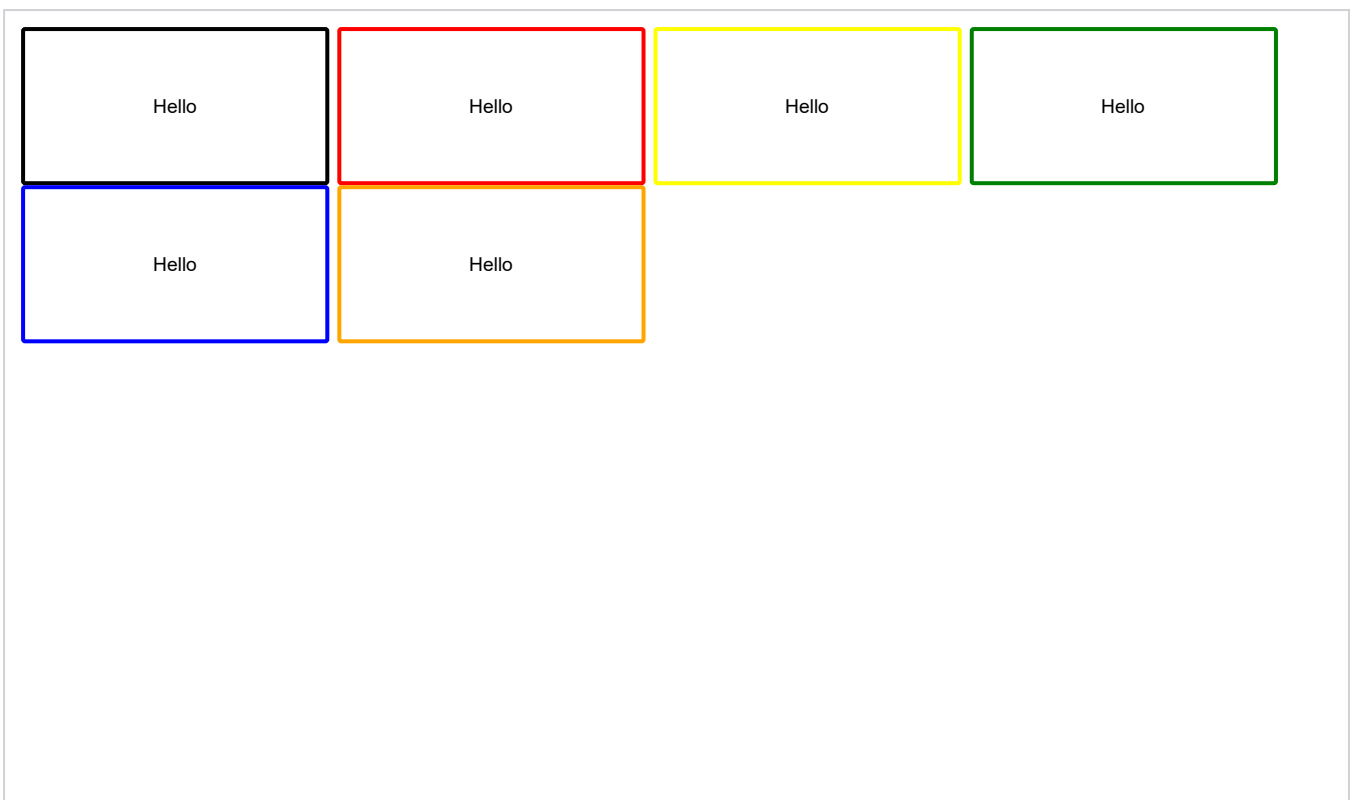
Learning the fundamentals is cool. What's even cooler is applying these fundamentals to build real-world apps.

I'll wrap things up with 3 projects that show off the ease of use with CSS variables.

Project 1: Creating Component Variations using CSS Variables

You're likely already building component variations today. Whether you use React or Angular or Vue, CSS variables make this simpler.

See the project below. If you're on your computer, hover over the buttons too.

I know it looks simple, but there's a lot CSS variables brings to the table when it comes to making component variations.

I can't wait to show it to you.

Project 2: Theme Styles with CSS Variables

You've probably seen this somewhere. I'll show how easy CSS variables make creating site-wide theme styles.

Again, the project is right below. Click the dark, calm and light buttons!

dark   calm   light

Hello World

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Can the world hear?

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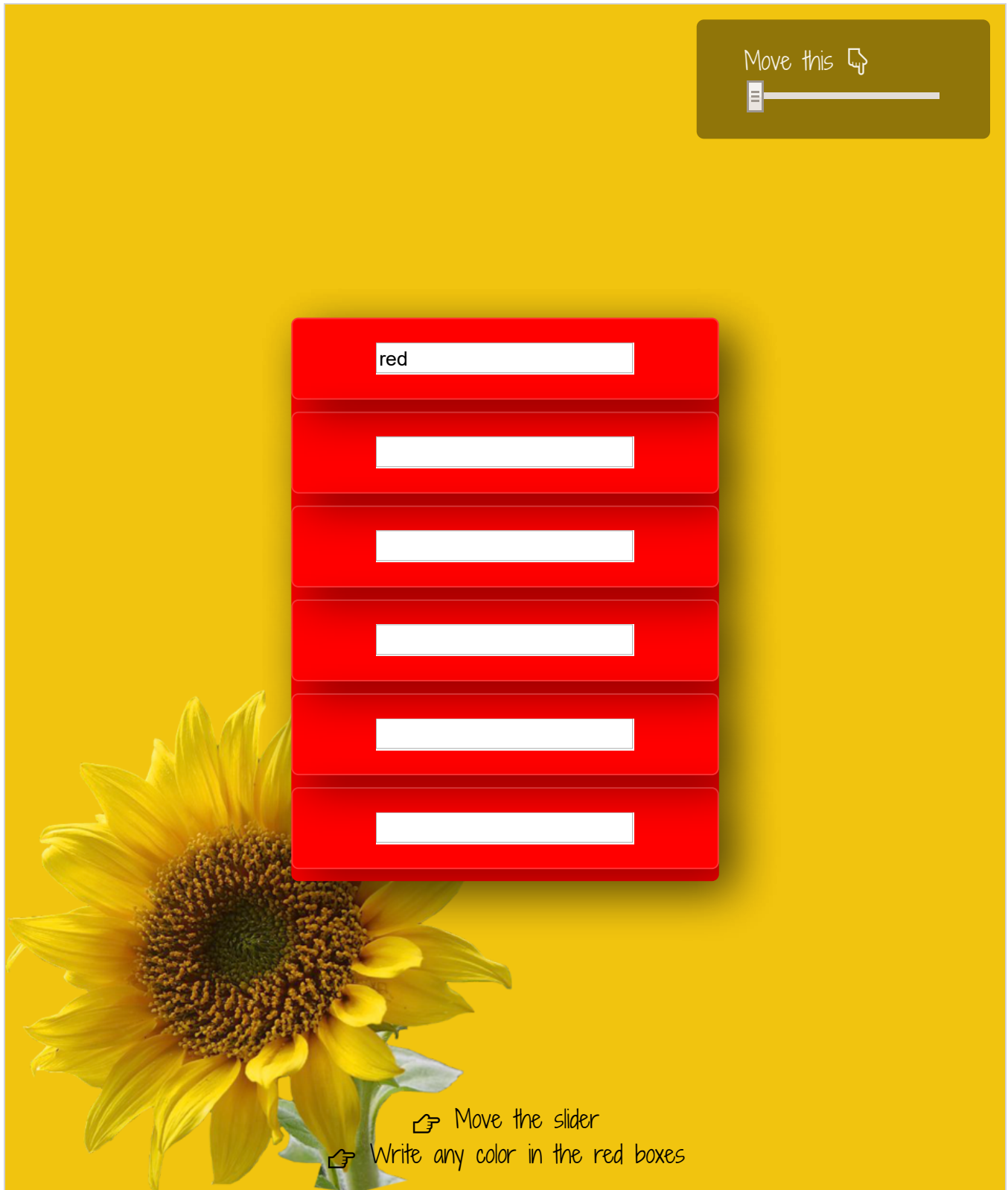
Project 3: Building the CSS Variable Booth 🛹

This is the final project. Don't mind the name. I couldn't come up with a better name.

Notice how the color of the boxes are dynamically updated, and how the box container is rotated in 3d space as the range input is changed.

Oh, sorry. You don't know that.

See for yourself below.

Type any color values within the red boxes, and move the range slider on the top right too!

Move this 👇

red

👉 Move the slider
👉 Write any color in the red boxes

This project shows off the ease of updating CSS variables with Javascript, and the reactive goodie you get with it.

Notice how the colors are updated as typed, and how the box is rotated In 3d space as the rage slider is moved.

This is going to be fun!

Spend some time having fun with it