**Step 1: Rewrite the CSS in this CodePen as SCSS.**

* **If you need further support, you can watch**[**this video demo of converting CSS into SCSS**](https://careerfoundry.wistia.com/medias/az0ui7t0ek)**.**

1. Open this [SCSS CodePen](https://codepen.io/2b8efbb7-02ca-46dd-8f04-d3fa33ffa54f/pen/mKKwKq) and fork it (you can fork a CodePen by using the “Fork” button in the bottom-right navigation bar). This creates a link that you can upload later once you’re done with the Task. (**Note**: If you are not confident about using SCSS, you can check out [this resource on SCSS101](https://codepen.io/sasstantrum/post/intro-to-sass).)
2. Rewrite all the plain CSS in the CodePen as SCSS. The CodePen itself is already set to SCSS, so you can simply start writing your SCSS. If something’s not working or your changes aren’t visible, you might have written invalid SCSS. You can check by pasting your SCSS into SassMeister.
   * Replace all colors with color variables.
   * There should be a lighter and a darker version of the primary color, which you should use as background-colors for the boxes (see class names).
   * Add a :hover pseudo class to the boxes (in a nested style) that removes the box-shadow on hover.
   * Create a parent class (shared class defined with %) that gets extended for all boxes and includes all the properties that the boxes share.

**Step 2: Add CSS variables to your own project’s CSS file.**

* **If you need further support, you can follow along with one of our instructors as they**[**complete this part of the task, step by step**](https://careerfoundry.wistia.com/medias/w3rzcag4yy)**.**

1. Now, head back to your own project and the “styles.css” file for your portfolio page.
2. Replace all your colors with *native CSS color variables*.
3. Replace any other repetitive values (e.g., font-weight, font-size, etc.) as variables, as well.
4. Postprocess your CSS file once you’re done.
   * Copy the content of your CSS file and paste it into the [PostCSS playground](https://madlittlemods.github.io/postcss-css-variables/playground/" \t "_blank) for converting variables.
   * Copy the output of the PostCSS playground and paste it into the [autoprefixer](http://autoprefixer.github.io/" \t "_blank).
   * Create a new file called “style.production.css” and paste the output of the autoprefixer into the file.
   * **Important:** Make sure you keep (and turn in) not only your new “style.production.css” file but also your “styles.css” file. Any future changes to your CSS should be made through your original “styles.css” files, then this process should be repeated again to create a new “style.production.css” file.
   * Update the links to your CSS file in all your HTML files (they should now point to your “style.production.css” file).

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