Mi349

Minshen Li

Top 10 lab

CSS Custom Properties (Variables)

CSS Custom Properties is very practical. You can declare a variable, assign it a value, and then reference it anywhere in the style sheet. You can reduce the repetitive code in the style sheet in this way.

For example:

:root {

--main-font: Helvetica, Arial, sans-serif;

}

This code defines a variable named --main-font, and then sets its value to the font sans-serif. In order to distinguish it from other attributes, the prefix of the name must be two dashes (--), and then write the name you want.

Variables must be declared in a declaration block. Here, the code uses the: root selector, then this variable can be used in the style of the entire page. The declaration of a variable, by itself, will not do anything until we refer to it in the code.

A custom attribute allows you to declare its value in one place, as a single source of truth, and then reference it anywhere in the style sheet. This is especially useful for some recurring values, such as color. You can use this variable multiple times in the style sheet, but if you need to modify its value globally, you only need to edit its value in one line of code.