**10 CSS Tips Every Web Developer Needs to Know -** [Bala LK](https://medium.com/@kabirmuhd552?source=post_page-----9ab971733a76--------------------------------) Aug 11, 2022

If you’re designing a website, the use of Cascading Style Sheets (CSS) can be an important part of the process.

If you’re new to CSS, or even if you’ve been working with it for years, the following tips can help you become a more effective web developer by making your CSS code more efficient and easier to maintain. Apply these css tips and tricks to your future work and you’ll see why they are among the most important things every web developer needs to know about CSS.

**1) Use Stylesheets**

Stylesheets are how you control the look and feel of your website. They are also where you can set global styles for things like fonts, colors, and spacing. If you want to make changes to your website, it’s usually best to do it in your stylesheet so that those changes are applied across your entire site. There are different ways to include a stylesheet on your web page, but the most common is using the link tag at the head of your HTML document.

**2) Don’t Include All CSS at Once**

When you’re first starting, it can be tempting to include all of your CSS in one big file. resist that temptation! Not only will it make your code more difficult to read, but it will also slow down your website. Instead, break your CSS up into smaller, more manageable files.

**3) Minimize HTTP Requests**

One way to optimize your CSS is to minimize HTTP requests. This means reducing the number of files that are loaded when a page is rendered. One way to do this is by using media queries to load different stylesheets for different screen sizes. Another way is to use inline CSS, which can reduce the number of HTTP requests even further.

**4) Create Custom Gradients**

Custom gradients are a great way to add a personal touch to your website. You can create them using any image editing software, but we recommend using Adobe Photoshop. To create a custom gradient, open Photoshop and go to the Create new fill or adjustment layer menu. Choose Gradient Map from the list of options.

**5) Use Advanced Selectors**

Advanced selectors are those that go beyond the simple element, class, and ID selectors that we typically use. By learning and using advanced selectors, you can write more concise and efficient code. Here are some tips to get you started.

1. Use the universal selector \*

2. Use attribute selectors

3. Use pseudo-classes

4. Use pseudo-elements

**6) Style Hoverable Elements First**

When you’re styling hoverable elements on a website, it’s always best to start with the hover state. That way, you can see what effect your changes have and make sure that the element is still usable in its default state. Plus, it’s just easier to work with the hover state first. Here are a few other tips to keep in mind when working with CSS

**7) Reset HTML Elements**

Before you start styling your HTML elements, it’s important to reset them. This means setting all of the margins, padding, and other properties to 0 (or their default values). By doing this, you create a consistent foundation to build upon. You can use a CSS reset file like Normalize.css or create your own.

**8) Establish a Theme and Consistency Across Pages and Sites**

A great web developer always keeps a consistent theme throughout their pages and sites. This means using similar colors, fonts, and overall design. By doing this, your visitors will know what to expect when they land on your site and will be able to navigate it more easily. Plus, a consistent design makes your site look more professional and can help build trust with your visitors.

**9) Avoid Centering Content Around Background Images**

Centering content around a background image is a common design trend, but it can be tricky to implement. You want to avoid creating extra markup, so using a background image is often the simplest solution. However, this can lead to problems if the image is larger than the content area. If you’re using a background image, make sure it’s sized appropriately and that your content is still accessible if the image doesn’t load.

**10) Consolidate Margins, Padding, and Font Size.**

It’s tempting to change a few different aspects of the design all at once, but when you’re just starting, it’s best to make only one change at a time. That way, you can more easily identify what impact each change has on the overall design. And when it comes to web development, one of the most important things you can do is consolidate your margins, padding, and font size. By doing this, you’ll be able to keep your code clean and organized, which will make it much easier to maintain in the long run.