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I frequently notice minor rendering and performance changes while viewing the website I created using HTML and CSS in several web browsers, such as Chrome, Firefox, and Edge. This variance results from the different rendering engines used by each browser and how they interpret web standards. Firefox utilizes the Gecko engine, Chrome uses the Blink engine, and Edge which had previously used EdgeHTML switched to Blink following a Chromium release. These engines lead to changes in the way that CSS attributes are interpreted, in the speed at which JavaScript executes, and in the ways that they can handle HTML5 features. Additionally, various browsers may support different sets of CSS prefixes, which can affect layouts, animations, and transitions if cross-browser compatible CSS isn't used consistently throughout.