

What is CSS clearfix, how is it used, and why is it helpful?

Clearfix is a way for an element to clear its child elements automatically without any additional markup code. The clearfix property is generally used in float layouts where elements are floated to be stacked horizontally. It allows a container to wrap its floated children. Without clearfix, a container will not wrap around its floated children and will collapse, just as if its floated children had been positioned absolutely.

What are SaSS and LESS?

LESS (Leaner Style Sheet) is dynamic in nature and enables customization and re-usability. It's JavaScript-based and has very accurate error reporting along with indicating exact locations of an error. It helps in readability and re-usability by letting users create properties like variables and mix-ins to create dynamic and reusable values throughout a project. It uses Preboot.less to implement mixins.

SASS (Syntactically Awesome Style Sheet) supports all version compatible extensions to CSS that increases code re-usability. It is implemented using Ruby and actively reports errors made in syntax. It uses compass extension to implement mix-ins and also enables a user to implement their own functions. It lets users create code re-usabilities like variables and mix-ins as well.