**WHAT ARE PREPROCESSORS?**

A CSS preprocessor can be defined as a tool that allows us to write CSS pseudocode that will then be compiled to become CSS as we know it. A preprocessor can use variables, conditions, loops, or functions, common elements of any programming language. For this reason, we could say that we have a programming language whose mission is to generate CSS code.

The final objective of the CSS processors is to have a cleaner code that we can then use on the web pages that we will place on our servers, a code that is easier to maintain and edit.

**ADVANTAGES OF PREPROCESSORS**

* Possibility of adding additional functionalities that are not possible to use in traditional CSS files, such as the use of variables and conditional logic
* We will have a cleaner style sheet while making it more efficient and easier to maintain
* It offers the possibility of reusing a lot of code, which translates into saving time and work
* The changes will be much faster since we will only have to change the value of some variable
* Helps create cross-browser compatible code, which is a boon for website designers
* An abstraction layer is created, where we will not work directly on our CSS file, offering greater security

**MOST USED PREPROCESSORS**

There are several CSS preprocessors to choose from, however, most CSS preprocessors add some features that don't exist in pure CSS, such as variables, mixins, and nested selectors, among others. These features make the CSS structure more readable and easier to maintain.

Los preprocesadores màs utilizados son:

SASS y LESS. La diferencia màs marcada entre ellos es la sintaxis

SIMILARITIES OF SASS AND LESS

**They are backward compatible.**

**They use mixins**

**It uses certain control operations**.

**Porque usar SASS**

Porque tiene mas potencial, te permite crear funciones de forma más práctica, tiene más funciones de control y la forma de trabajar en SASS es más amigable sobre todo si no se posee experiencia con preprocesadores. Sin embargo, ambos son preprocesadores muy poderosos y te permiten preprocesar que es lo que se desea

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