

Differences between <div> and tag:

<div>

- The <div> tag is a block-level element.
- It is best to attach it to a section of a web page.
- It accepts align attributes.
- This tag should be used to wrap a section, for highlighting that section.

- The tag is an inline element.
- It is best to attach a CSS to a small section of a line in a web page.
- It does not accept align attributes.
- This tag should be used to wrap any specific word that you want to highlight in your webpage.

CSS3(Cascading Style Sheet Level 3)

CSS3, which stands for Cascading Style Sheets level 3, is the latest version of the CSS language, used for describing the presentation and layout of web pages. CSS3 introduced a wide range of new features and capabilities to enhance web design and styling.

Features

1. Selectors: more precise targeting of specific elements on a webpage.
2. Box Model: to control how the width and height of elements are calculated.
3. Transitions and Animations: Smooth and dynamic visual effects.
4. Flexbox: more flexible and efficient page layouts.
5. Grid Layout: making it easier to create complex and responsive page layouts.
6. Media Queries: for responsive design.
7. 2D and 3D transformations for shapes and text.

Advantages

- CSS3 provides a consistent and precise positioning of navigable elements.
- It is easy to customize a web page as it can be done by merely altering a modular file.
- Graphics are more accessible in CSS3, thus making it easy to make the site appealing.
- It permits online videos to be seen without using third-party plugins.
- CSS3 is economical and time-saving, and most browsers support it.

Uses and Needs

- It is used with HTML to create and format content structure.
- Develop smooth transitions between colors without redefining images.
- CSS3 is highly commended as it provides more comprehensive options for designing
- CSS3 allows the designer to create websites rich in content and low in code
- Stack images as backgrounds of the same element.
- Implement 3D style on elements or objects.