

What are the benefits of using semantic HTML elements over non-semantic elements like <div> and <span>?

**Answer**

We use semantic HTML tags over non-semantic tags because of these reasons bellow:

1. It is easier to read and scan the HTML: if it has been properly structured especially when we have many file paths because semantic elements like <header>, describes its purpose clearly.

2. They have better accessibility: Screen readers and assistive technologies use semantic elements to provide context to users with disabilities.

Example: <main> indicates the central content of the page.

3. Better for SEO(Search Engine Optimization): SEO understand page structure and prioritize important context better with semantic tags.

4. Easier Styling and Consistent Layout: CSS works well with semantic tags when we have to style them since they provide clear logical structures.

5. Enhanced Browser and Tool Support: Modern browsers and tools can interpret semantic tags for features like Outlining generation, Improving default behaviors, Better compatibility with accessibility APIs etc.

6.Future-Proofing: Semantic HTML is part of web standards, so it’s more likely to remain compatible with future browsers and technologies (like voice assistants or AI-driven readers).

These are some benefits that we have gotten by using semantic tags rather than non-semantic tags.