

Advanced Selectors in CSS

There are various types of advanced selectors in CSS viz:

1. **Tag Selector:** If we want to select any element of any tag, we can use tag selector. For example: A, B, C, etc.
2. **Descendant Selector:** If we want to select any element inside the DOM subtree of other element, we can use descendant selector. For example: A B refers that any B that is present inside the subtree of A. A and B can be id selectors or tag selectors.
3. **Class Selector:** If we want to select any element with a particular class, we can use class selector. The class selector is denoted with a dot. For example: .classname
4. **Combination Selector:** If we want to select any element with a particular class or tag, we can use combination selector. For example: A .classname
5. **Comma Combination Selector:** If we want to select multiple elements together, we can use comma combination selector. For example: A, B
6. **Adjacent Sibling Selector:** If we want to select any element that is adjacent to another element, we can use adjacent sibling selector. For example: A + B
7. **General Sibling Selector:** It selects an element that follows another element. For example: A ~ B
8. **Child Selector:** It directly selects an element that is a child of another element. For example: A > B
9. **First Child Pseudo Selector:** It selects an element that is the first child of another element. For example: A:first-child
10. **Only Child Pseudo Selector:** It selects an element that is the only child of another element. For example: A:only-child

11. Nth Child Pseudo Selector: It selects an element that is the nth child of another element. For example: A:nth-child(3)
12. Last Child Pseudo Selector: It selects an element that is the last child of another element. For example: A:last-child
13. ID Selector: If we want to select any element with a particular id, we can use id selector. The id selector is denoted with a hash. For example: #id
14. First of Type Selector: It selects the first element of the specific type. For example: A:first-of-type
15. Nth of Type Selector: It selects the nth element of the specific type. For example: A:nth-of-type(3)
16. Attribute Selector: It selects an element with a particular attribute. For example: A[attribute]