# Location Priorities

In this lesson, we shall explore the nature and usage of location properties.

> **WE'LL COVER THE FOLLOWING**  ∧
>
> - The six key location priorities

If the winner rule cannot be selected by the highest priority, and even the selectivity of the competing rules does not lead to a decision, the last step uses the priority of the rule's location to get the winner.

## The six key location priorities #

The decision is made by the six location priorities, as listed here from the highest to the lowest:

1. The first priority location is the `<style>` element in the head of the HTML document.

2. The second priority location is a style sheet imported by an `@import` at-rule embedded within the `<style>` element

3. The third priority location is a style sheet attached by a `<link>` element.

4. The fourth priority location is a style sheet imported by an `@import` at-rule embedded within a style sheet attached by a `<link>` element.

5. The fifth priority location is a style sheet attached by an end-user. An exception is made for `!important` rules in an end-user style sheet. These rules are given the highest priority.

6. And last, the sixth (lowest) priority location is the default style sheet supplied by a browser.

It may happen that multiple style sheets are attached or imported at the same location level. In this case, the order in which they are attached determines the priority. Style sheets attached later override style sheets attached previously.

> 📄**NOTE:** As you can see from the algorithm that determines the cascading order, only one winner remains at the end, so there is no indeterminism in applying a CSS rule. Sometimes it's not easy to trace which rule brings the winning property declaration into the picture as it is always unambiguous.

In the *next lesson*, we will meet media dependent style sheets.

Stay tuned! :)