

* what are media queries?

Media queries are a feature of CSS that allows you to apply different styles to a webpage based on the characteristics of the device it is being displayed on. They can be useful for creating responsive designs that look good on a variety of different devices, such as smartphones, tablets, and desktop computers.

Advantage to using media queries in your web development projects:

1. Responsive design
2. Customized user experience
3. Improved performance
4. Enhanced accessibility
5. Simplified maintenance

* Media query in action

In some cases websites may not support small screens because the website's functionality and features are not optimized for small screens. In such cases, the best user experience might be achieved by providing a separate mobile-friendly version of the message telling our website doesn't support small screens.

Syntax: - @media media-target media-feature and (media-feature: value) {
/* styles */
}

Min-width

- In CSS, the min-width property is used to specify an element's min^m width.
- The width value must be less than the min-width value.
- Min-width preserves the set minimum width even if the content supplied within the element is lower.

Max-width

- The max-width property defines the max^m width of an element.
- If the content is larger than the maximum width, it will automatically change the height of the element.
- If the content is smaller than the max^m width, the max-width property has no effect.
- Note! - This prevents the value of the width property from becoming larger than max-width. The value of the max^m-width overrides the width property.

float :- float property specifies how we can position an element within the container. float is majorly used when we want to align elements horizontally next to each other.

These are the most used properties of float to position the elements

1. none

2. left

3. right

none :- This is the default property set on the element which means that the element will not float anywhere and will be there according to the normal document flow.

left :- This property will float (position) the element to the left side of the container, instead of positioning the element with the default layout flow

right :- This property will float (position) the element to the right side of the container, instead of positioning the element with the default layout flow