Media Query

What is a Media Query?

Media query is a CSS technique introduced in CSS3.

It uses the @media rule to include a block of CSS properties only if a certain condition is true.

**Media queries** are a key component of [responsive design](https://developer.mozilla.org/en-US/docs/Learn/CSS/CSS_layout/Responsive_Design) that allow you to apply CSS styles depending on the presence or value of device characteristics.

It's common to apply a media query based on the [viewport](https://developer.mozilla.org/en-US/docs/Glossary/Viewport) size so that layout choices can be made for devices with different screen sizes. For example, you may have a smaller font size for devices with small screens, increase the padding between paragraphs when a page is viewed in portrait mode, or increase the size of buttons on touchscreens.

In [HTML](https://developer.mozilla.org/en-US/docs/Web/HTML), media queries can be applied to various elements:

In the [<link>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/link) element's [media](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/link#media) attribute, they define the media to which a linked resource (typically CSS) should be applied.

In the [<source>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/source) element's [media](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/source#media) attribute, they define the media to which that source should be applied. (This is only valid inside [<picture>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/picture) elements.)

In the [<style>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/style) element's [media](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/style#media) attribute, they define the media to which the style should be applied.

/\* Extra small devices (phones, 600px and down) \*/

@media only screen and (max-width: 600px) {

.example {background: red;}

}

/\* Small devices (portrait tablets and large phones, 600px and up) \*/

@media only screen and (min-width: 600px) {

.example {background: green;}

}

/\* Medium devices (landscape tablets, 768px and up) \*/

@media only screen and (min-width: 768px) {

.example {background: blue;}

}

/\* Large devices (laptops/desktops, 992px and up) \*/

@media only screen and (min-width: 992px) {

.example {background: orange;}

}

/\* Extra large devices (large laptops and desktops, 1200px and up) \*/

@media only screen and (min-width: 1200px) {

.example {background: pink;}

}