

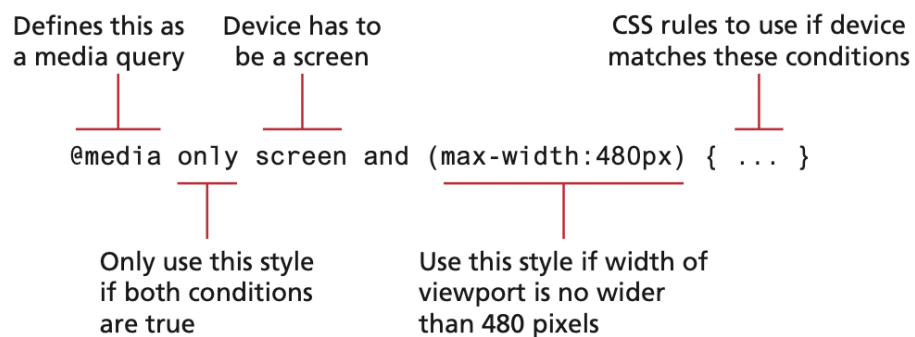
@media Queries

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Responsive Design

Media Queries

A media query is a way to apply style rules based on the medium that is displaying the file



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Responsive Design

Media Queries

- **width** Width of the viewport
- **height** Height of the viewport
- **device-width** Width of the device
- **device-height** Height of the device
- **orientation** Whether the device is portrait or landscape

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Responsive Design

Media Queries



styles.css

```
/* rules for phones */
@media only screen and (max-width:480px)
{
  #slider-image { max-width: 100%; }
  #flash-ad { display: none; }
  ...
}

/* CSS rules for tablets */
@media only screen and (min-width: 481px)
  and (max-width: 768px)
{
  ...
}

/* CSS rules for desktops */
@media only screen and (min-width: 769px)
{
  ...
}
```

Instead of having all the rules in a single file, we can put them in separate files and add media queries to <link> elements.

```
<link rel="stylesheet" href="mobile.css" media="screen and (max-width:480px)" />
<link rel="stylesheet" href="tablet.css" media="screen and (min-width:481px)
  and (max-width:768px)" />
<link rel="stylesheet" href="desktop.css" media="screen and (min-width:769px)" />
```

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