

Lesson:

Writing media query for different screen sizes



Topics Covered

- Typical Breakpoints
- Writing media queries for different screens.

Many screens and devices have different heights and widths, so it is hard to create an exact breakpoint for each device. To keep things simple, you can target five groups:

Typical Breakpoints

Extra small devices (phone, 576px and down)

```
@media screen and (max-width: 576px) {  
  
}
```

Small devices (portrait tablets and large phones, 576px and up)

```
@media screen and (min-width: 576px) {  
  
}
```

Medium devices (landscape tables, 768px and up)

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

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

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

Extra large devices (large laptops and desktops 1200px and up)

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

Writing media queries for different screens.

index.html

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8" />
    <meta http-equiv="X-UA-Compatible" content="IE=edge" />
    <meta name="viewport" content="width=device-width, initial-scale=1.0" />
    <link rel="stylesheet" href="./style.css" />
    <title>media query</title>
  </head>
  <body>
    <div class="box">
      <h1 class="screen">width :</h1>
    </div>
  </body>
</html>
```

Style.css

```
.box { height: 100vh; }
h1 { color: white;}

// extra small
@media screen and (max-width: 576px) {
  .box { background-color: purple; }
  .screen::after { content: " extra small"; }
}

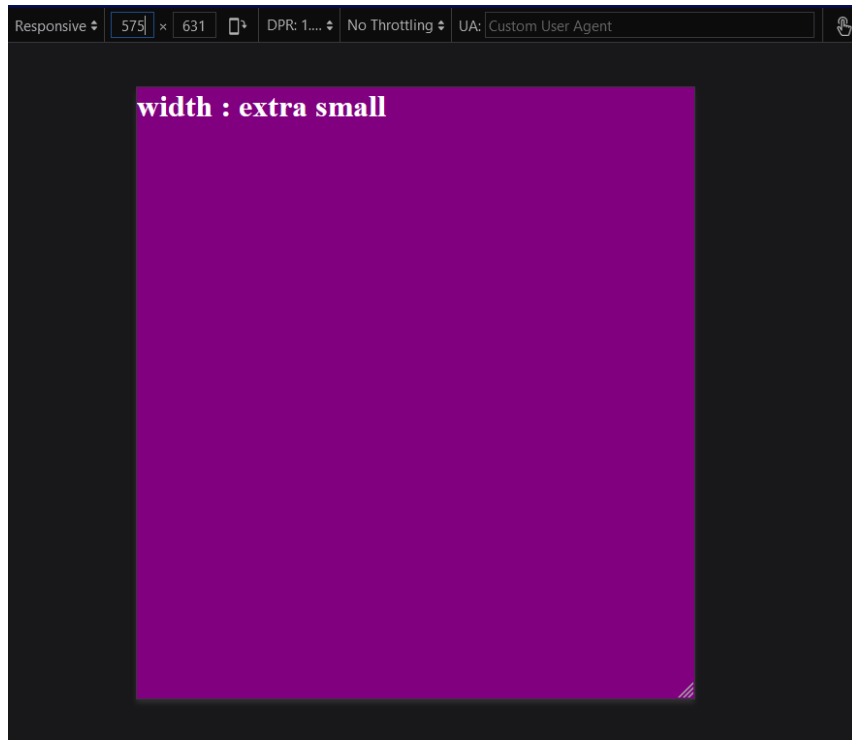
// small
@media screen and (min-width: 576px) {
  .box { background-color: red;}
  .screen::after { content: " small"; }
}

// medium
@media screen and (min-width: 768px) {
  .box { background-color: blue;}
  .screen::after { content: " medium";}
}

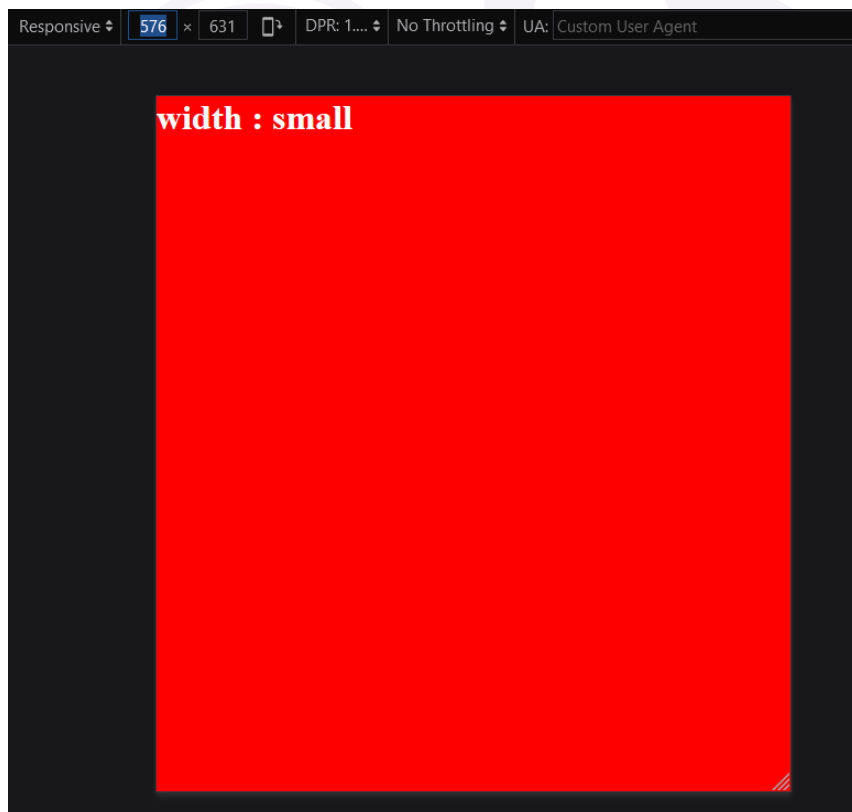
// large
@media screen and (min-width: 992px) {
  .box { background-color: green;}
  .screen::after { content: " large"; }
}

// extra large
@media screen and (min-width: 1200px) {
  .box { background-color: blueviolet; }
  .screen::after { content: " extra large";}
}
```

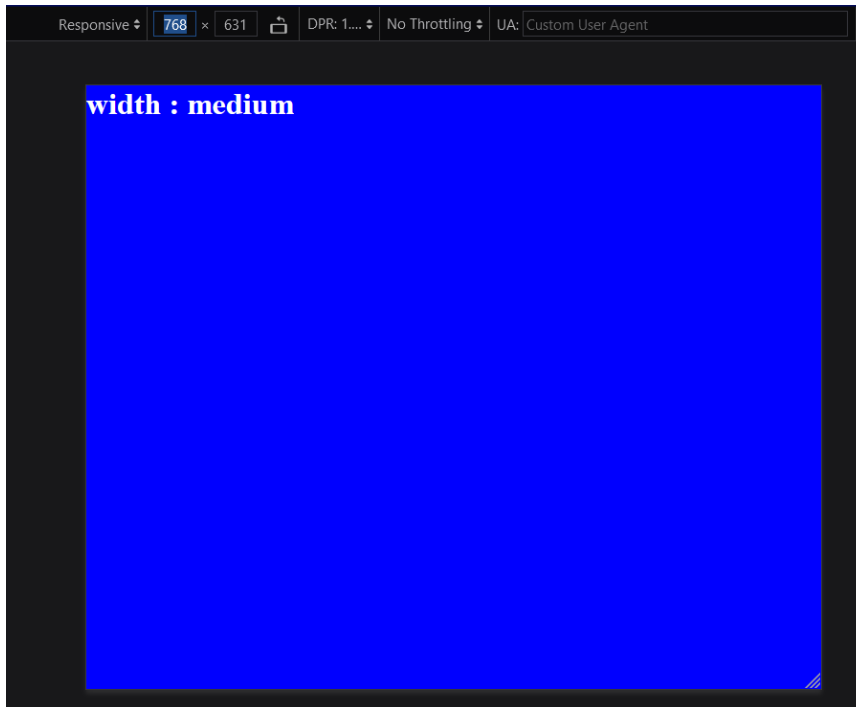
Browser output for an extra small device.



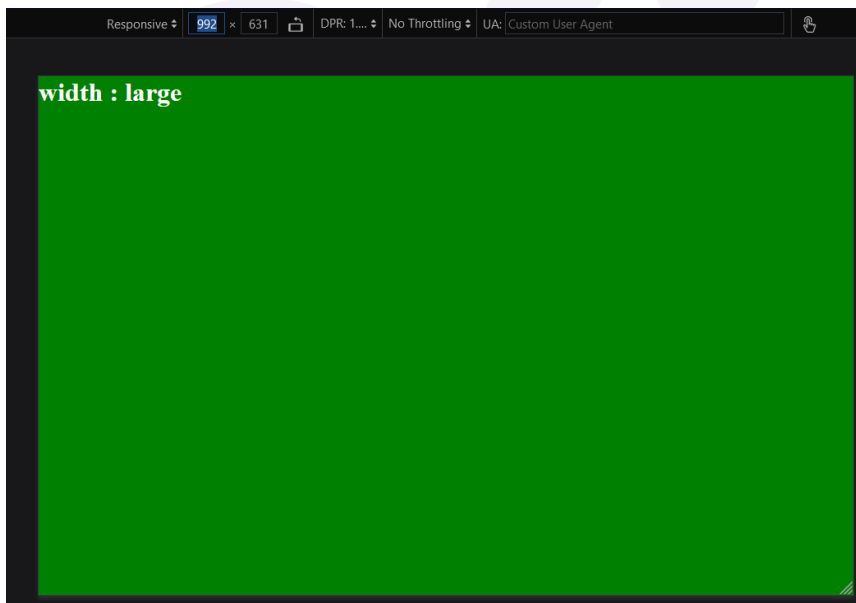
Browser output for a small device.



Browser output for medium devices.



Browser output for large devices.



Browser output for extra large devices.

