

# CSS Advanced - CSS Media Queries - Examples

- description : CSS Advanced - CSS Media Queries - Examples
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- lastupdate : 2021-05-04

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## CSS Media Queries - More Examples

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### Example

```
body {
  background-color: tan;
  color: black;
}

/* ~ 600px ->      : olive, font: white
601px ~ 992px ->  : blue, font: white
993px ~ ->       : tan, font: black */

/* On screens that are 992px wide or less, the background color is blue
*/
@media screen and (max-width: 992px) {
  body {
    background-color: blue;
    color: white;
  }

  /* On screens that are 600px wide or less, the background color is
olive */
```

```
@media screen and (max-width: 600px) {  
  body {  
    background-color: olive;  
    color: white;  
  }  
}
```

가 992px 600px ?  
가 " (typical breakpoints)" .

## Media Queries For Menus

### Example

```
* {  
  box-sizing: border-box;  
}  
  
/* Style the top navigaton bar */  
.topnav {  
  overflow: hidden;  
  background-color: #333;  
}  
  
/* Style the topnav links */  
.topnav a {  
  float: left;  
  display: block;  
  color: #f2f2f2;  
  text-align: center;  
  padding: 14px 16px;  
  text-decoration: none;  
}  
  
/* Change color on hover */  
.topnav a:hover {  
  background-color: #ddd;  
  color: black;  
}
```

```

/* On screens that are 660px wide or less,
make the menu links stack on top of each other instead of next to each
other */
@media screen and (max-width: 600px) {
  .topnav a {
    /*      601px      one line menu */
    /*      ~600px      (1      가      가      ) */
    float: none;
    width: 100%;
  }
}

```

## Media Queries For Columns

(flexible layout)

4 , 2

### Example

```

* {
  box-sizing: border-box;
}

/* Create four equal columns that floats next to each other */
.column {
  float: left; /*      가 993px~      4      25%      가
*/
  width: 25%;
  padding: 20px;
}

/* Clear floats after the columns */
.row:after {
  content: "";
  display: table;
  clear: both;
}

/* On screens that are 992px wide or less, go from four columns to two
columns */
@media screen and (max-width: 992px) {
  .column {
    /* ~992px      1      2가      50%      가
    */

```

```
        width: 50%;
    }
}

/* On screens that are 660px wide or less,
make the columns stack on top of each other instead of next to each
other */
@media screen and (max-width: 600px) {

    /* ~600px                100%                4 가                */
    .column {
        width: 100%;
    }
}
```

**Tip:** (column) CSS Flexbox  
( ). Internet Explorer 10  
IE6-10 , float ( ).

## Example

```
* {
    box-sizing: border-box;
}

/* Contatiner for flexboxes */
.row {
    display: flex;
    flex-wrap: wrap;
}

/* Create four equal columns that floats next to each other */
.column {
    flex: 25%;
    /* 가 993px~                4                25% 가                */
    padding: 20px;
}

/* On screens that are 992px wide or less, go from four columns to two
columns */
@media screen and (max-width: 992px) {
    .column {
        flex: 50%;
    }
}

/* On screens that are 600px wide or less,
```

```
    make the columns stack on top of each other instead of next to each
other */
    @media screen and (max-width: 600px) {
        .row {
            flex-direction: column;
        }
    }
}
```

## Hide Elements With Media Queries

### Example

```
div.example {
    background-color: yellow;
    padding: 20px;
}

@media screen and (max-width: 600px) {
    div.example {
        display: none;
    }
}
```

## Change Font Size With Media Queries

### Example

```
div.example {
    background-color: lightgray;
    padding: 20px;
}

@media screen and (min-width: 600px) {
    /*      가 601px      80px */
    div.example {
        font-size: 80px;
    }
}

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

```
/*          가 600px          30px */  
div.example {  
    font-size: 30px;  
}  
}
```

## Flexible Image Gallery

flexbox

```
* {  
    box-sizing: border-box;  
}  
  
body {  
    margin: 0;  
    font-family: Arial;  
}  
  
.header {  
    text-align: center;  
    padding: 32px;  
}  
  
.row {  
    display: flex;  
    /*          . */  
    flex-wrap: wrap;  
    /*          */  
    padding: 0 4px;  
}  
  
/* Create four equal columns that sits next to each other */  
.column {  
    flex: 25%;  
    /*          25%          4          */  
    max-width: 25%;  
    padding: 0 4px;  
    /*          */  
}  
  
.column img {  
    margin-top: 8px;  
    /*          */  
    vertical-align: middle;  
}
```

```

/* Responsive layout - makes a two column-layout instead of four columns
*/
@media screen and (max-width: 800px) {
  .column {
    /*      601 ~ 800px          2 */
    flex: 50%;
    max-width: 50%;
  }
}

/* Responsive layout - makes the two columns stack on top of each other
instead of next to each other */
@media screen and (max-width: 600px) {
  /*      600px          1 */
  .column {
    flex: 100%;
    max-width: 100%;
  }
}

```

## Flexible Website

flexbox . 가 ,

### Example

```

* {
  box-sizing: border-box;
}

/* Style the body */
body {
  font-family: Arial;
  margin: 0;
}

/* Header/logo Title */
.header {
  padding: 60px;
  text-align: center;
  background: #1abc9c;
  color: white;
}

/* Style the top navigation bar */
.navbar {
  /* link */

```

```
    display: flex;
    background-color: #333;
}

/* Style the navigation bar links */
.navbar a {
    color: white;
    /* white font */
    padding: 14px 20px;
    /* 14px 20px */
    text-decoration: none;
    /* link */
    text-align: center;
    /* ? */
}

/* Change color on hover */
.navbar a:hover {
    background-color: #ddd;
    color: black;
}

/* Column container */
.row {
    display: flex;
    flex-wrap: wrap;
}

/* Create two unequal columns that sits next to each other */
/* Sidebar/left column */
.side {
    flex: 30%;
    background-color: #f1f1f1;
    padding: 20px;
}

/* Main column */
.main {
    flex: 70%;
    background-color: white;
    padding: 20px;
}

/* Fake image, just for this example */
.fakeimg {
    background-color: #aaa;
    width: 100%;
    padding: 20px;
}
```

```

/* Footer */
.footer {
  padding: 20px;
  text-align: center;
  background: #ddd;
}

/* Responsive layout - when the screen is less than 700px wide, make the
two
columns stack on top of each other instead of next to each other */
@media screen and (max-width: 700px) {
  .row, .navbar {
    flex-direction: column;
  }
}

```

## Orientation:Portrait/Landscape

(landscape)“ 가 CSS 가 “가

### Example

가 lightblue

```

body {
  background-color: lightgreen;
}

@media only screen and (orientation: landscape) {
  body {
    background-color: lightblue;
  }
}

```

## Min Width to Max Width

(max-width: ..) (min-width: ..)

, 가 600 ~ 900 , <div>

## Example

```
@media screen and (max-width: 900px) and (min-width: 600px) {
  div.example {
    font-size: 50px;
    padding: 50px;
    border: 8px solid black;
    background: yellow;
  }
}
```

가 : 가 가  
( OR ).

## Example

```
@media screen and (max-width: 900px) and (min-width: 600px), (min-width: 1100px)
{
  div.example {
    /* 600px~900px , 1100px~ */
    font-size: 50px;
    padding: 50px;
    border: 8px solid black;
    background: yellow;
  }
}
```

## CSS @media Reference

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[CSS @media Rule](#)

**Tip:**

(media query breakpoints)

(

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[Responsive Web Design Tutorial](#)

., [CSS](#), [Media](#), [Queries](#), [Examples](#)

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Last update: **2022/03/10 19:52**