Advanced CSS

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Advanced CSS

- More selectors
- Rounded corner
- Text
- Web fonts
- Background
- Transition & Animation
- Flex-box
- Media Queries

CSS Selectors

CSS Selectors

Warm up

- Type / Tag `h1`
- Class Selector `.class`
- ID Selector `#id`
- Complex Selector

Attribute Selectors

`[attribute=value]`

- `[attribute]`
- `[attribute=value]`

Pseodu-class Selectors

Defines a special state of an element

- a
  - :link
  - :visited
  - :hover
  - :active

Demo

Pseodu-class Selectors

- :first-child
- :last-child
- :nth-child

Pseodu-class Selectors

- `:not`

Demo

Rounded Corner

border-radius

Rounded Corner

- **border-radius**
- border-top-left-radius
- border-top-right-radius
- border-bottom-left-radius
- border-bottom-right-radius

Demo

Text

color   Size   font

```
{
    color:blue,
    font-size:24px,
    text-decoration:underline
}
```

Demo

Text Alignment

- center
- left
- right
- justify

Text Alignment

text-align: center/right/justify;

```
p{
    text-align: center;
}
```

Hello World

Text Alignment

text-align: center/right/justify;

```
p{
    text-align: right;
}
```

Hello World

Text Alignment

`text-align: center/right/justify;`

```
p{

}
```

When text-align is set to "justify", each line is stretched so that every line has equal width, and the left and right margins are straight.

Text Alignment

`text-align: center/right/justify;`

```
p{
    text-align: justify;
}
```

When text-align is set to "justify", each line is stretched so that every line has equal width, and the left and right margins are straight.

[CSS3] Text Shadow

text-shadow: h-shadow v-shadow [blur color]

```
div{
    text-shadow: 0 0 10px #000;
}
```

Demo

Web Fonts [CSS3]

Web Fonts [CSS3]

Web fonts allow Web designers to use fonts that are not installed on the user's computer

Web Fonts [CSS**3**]

@font-face

```
@font-face {
    font-family: myWebFont;
    src: url(myFontFile.woff);
}


div {
    font-family: myWebFont;
    }
```

Google Web Fonts

Background

Background

background-color/image/...

```
h1 {
    background-color: #6495ed;
}
p {
    background-image: url(
        "myBackground.gif"
    );
}
```

Demo

Background Repeat

background-repeat

```
repeatX {  background-repeat: repeat-x; }
noRepeat { background-repeat: no-repeat;}
```

Demo

Background Clip [CSS3]

background-clip: border/padding/content-box

```
div {
    background-clip: content-box;
}
```

Demo

Background Position

`background-position`

- left/right/center
- x% y%
- xpos ypos

Demo

Background Origin [CSS3]

background-origin: border/padding/content-box

```
div {
    background-origin: content-box;
}
```

Demo

Multiple Backgrounds [CSS3]

- Apply multiple backgrounds to one element
- Backgrounds are layered atop one another

```
div{
    background: background1, background2, …;
}
```

Demo

Transition [CSS**3**]

- [Single](#) style transition
- [Multiple](#) styles transition
- Transition [delay](#)
- Transition [trigger by JavaScript](#)

Animation [CSS3]

Animation
Transition

```
@keyframes myAnimation{
    from { background-color:#FFF; }
    to { background-color:#CCC; }
}


button:hover {
    animation: myAnimation 0.3s;
}
```

```
button {
    transition: background-color 0.3s;
}


button:hover {
    background-color: #CCC;
}
```

Demo

Media Queries [CSS3]

Apple devices

Vector Devices, free for personal use.
For commercial use please contact
me at dario1crisafulli@gmail.com

iPad iPad mini iPhone 5 iPhone 4 iPod touch 5G iPod touch 4G iPod nano 5G

Android devices

Nexus 10 Nexus 7 Nexus 4 Samsung Galaxy Note II Samsung Galaxy S IV HTC One

Windows 8 and other devices

Surface Lumia 920 Desktop Laptop Laptop

Gaming consoles

Xbox 360 PlayStation 3 Wii U PS Vita 3DS

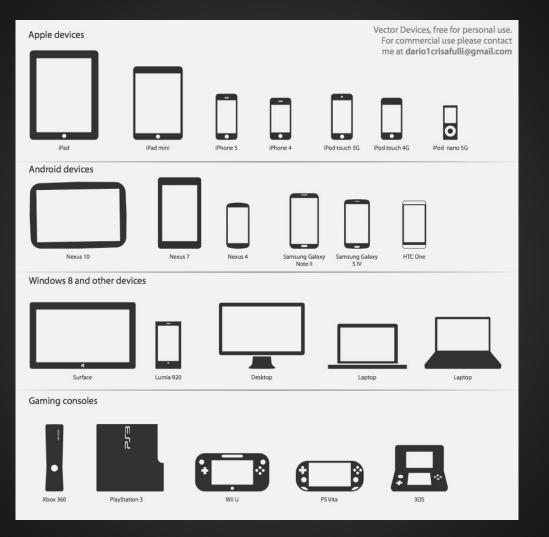# Media Queries [CSS3]

```
<!-- CSS media query on a link element -->
<link rel="stylesheet" media="(max-width:800px)" href="xx.css"/>


<!-- CSS media query within a stylesheet -->
@media (max-width: 600px) {
    mySelector {
        color: red;
    }
}
```

Demo

Thanks

Q&A