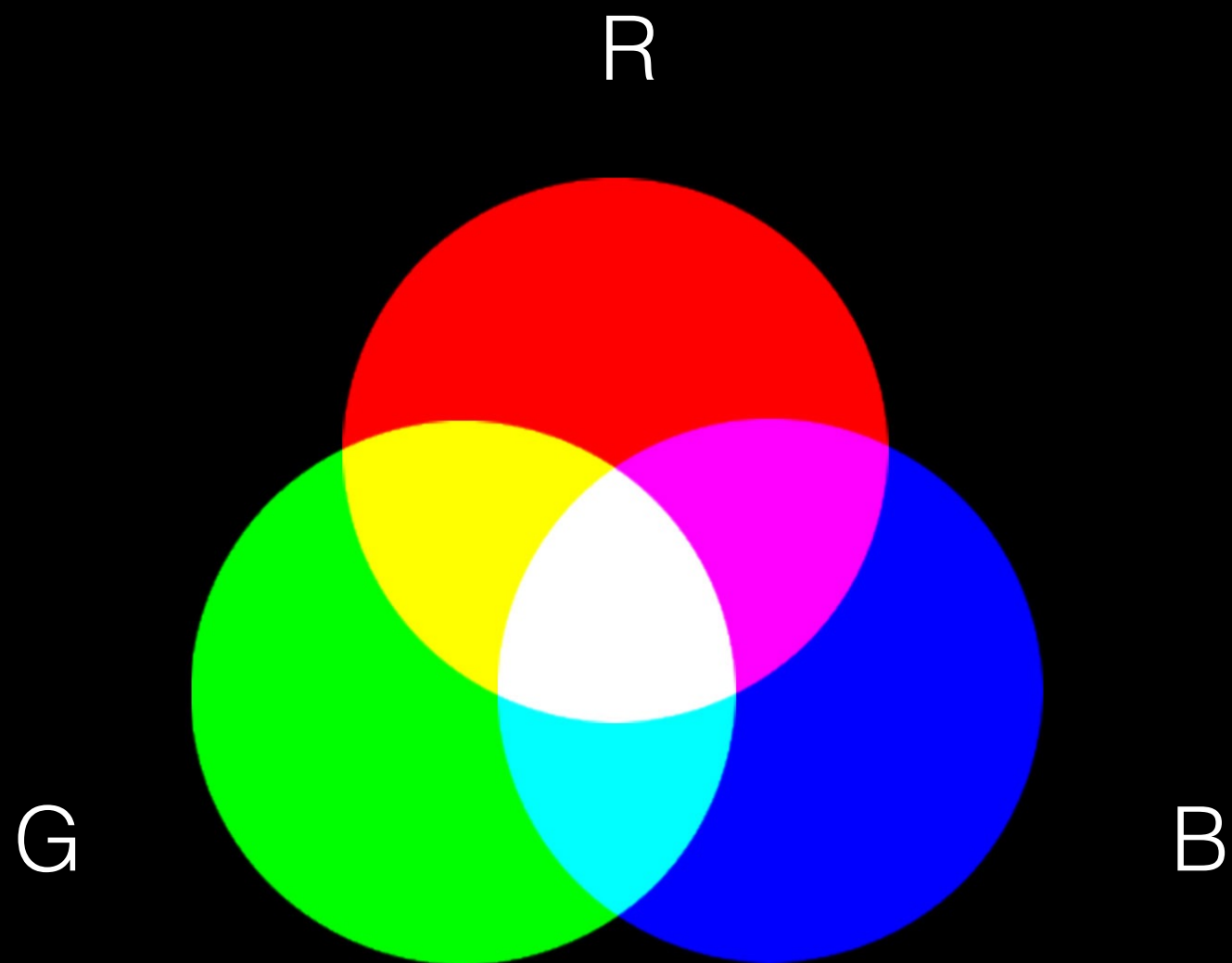


CSS

Units

color

rgb



rgb

```
color: rgb(255, 0, 0);      /* red */
color: rgb(0, 255, 0);      /* green */
color: rgb(0, 0, 255);      /* blue */
color: rgb(255, 255, 255);  /* white */
color: rgb(0, 0, 0);        /* black */
```

<http://codepen.io/taker/pen/gaNKWB?editors=010>

rgba

```
color: rgba(255, 0, 0, .3);    /* red */
color: rgba(0, 255, 0, .7);    /* green */
color: rgba(0, 0, 255, .5);    /* blue */
color: rgba(255, 255, 255, .2); /* white */
color: rgba(0, 0, 0, 1);       /* black */
```

<http://codepen.io/taker/pen/avgKwJ?editors=010>

HEX

10進位

0 1 2 3 4 5 6 7 8 9
10

16進位

0 1 2 3 4 5 6 7 8 9 a b c d e f
10

10進位計算

90

$$(9 \times 10) + 0 = 90$$

99

$$(9 \times 10) + 9 = 99$$

16進位計算

90

99

$$(9 \times 16) + 0 = 144$$

$$(9 \times 16) + 9 = 153$$

16進位計算

f0

ff

$$(15 \times 16) + 0 = 240$$

$$(15 \times 16) + 15 = 255$$

```
color: rgb(255, 0, 0);      /* red */
color: rgb(0, 255, 0);      /* green */
color: rgb(0, 0, 255);      /* blue */
color: rgb(255, 255, 255);   /* white */
color: rgb(0, 0, 0);         /* black */
```

HEX 的寫法

color: #ff0000;

color: #00ff00;

color: #0000ff;

color: #ffffff;

color: #000000;

/ red */*

/ green */*

/ blue */*

/ white */*

/ black */*

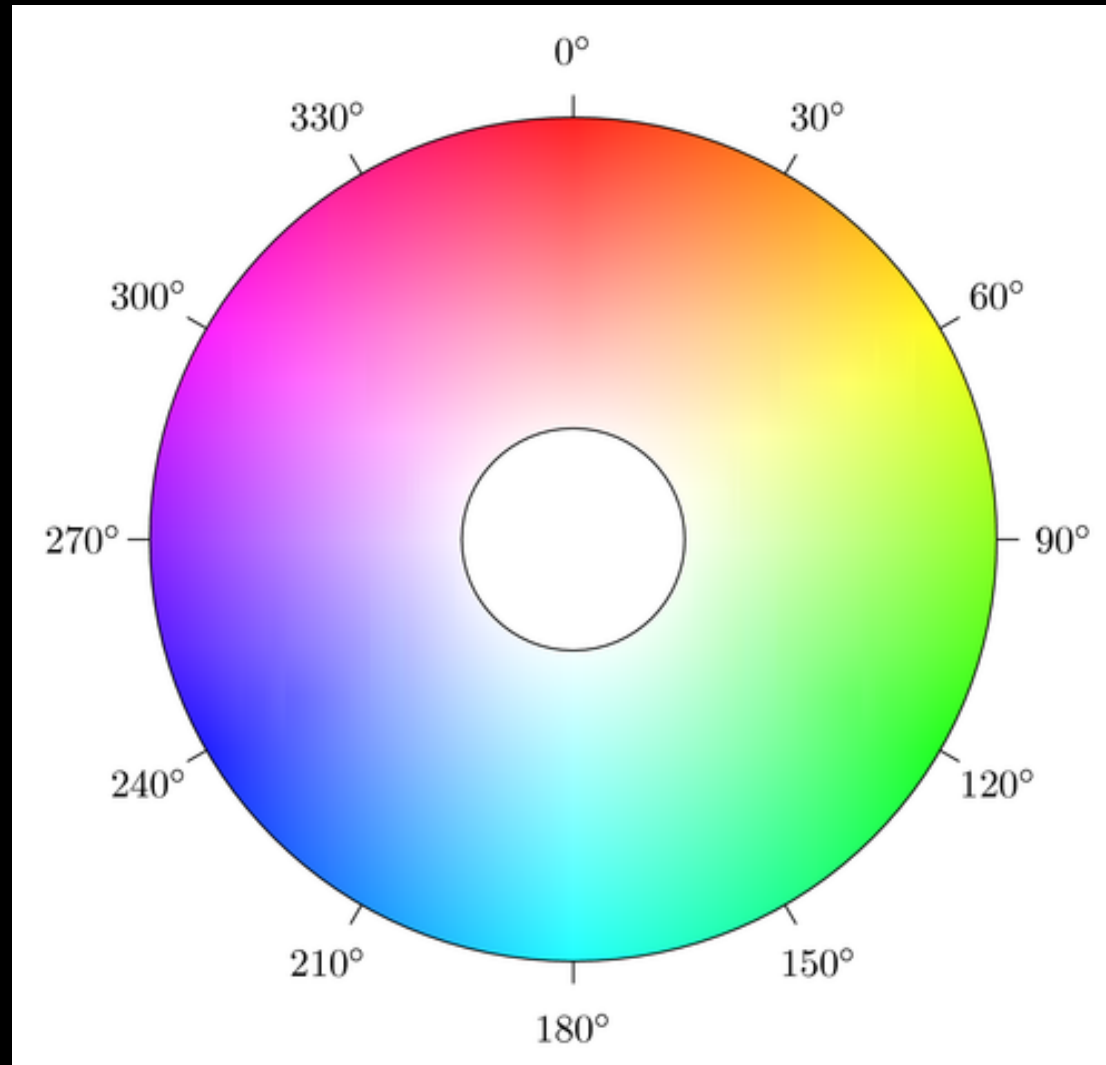
HEX 的縮寫

```
color: #f00;      /* red */
color: #0f0;      /* green */
color: #00f;      /* blue */
color: #fff;      /* white */
color: #000;      /* black */
```

HSL

Hue / Saturation / Lightness

Hue



0

60

120

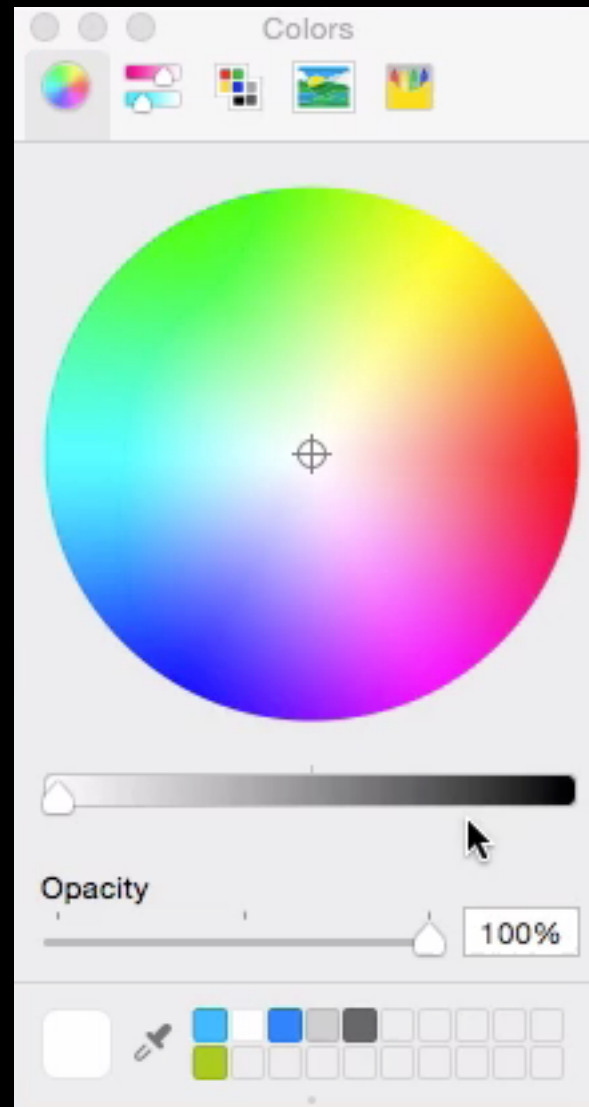
180

240

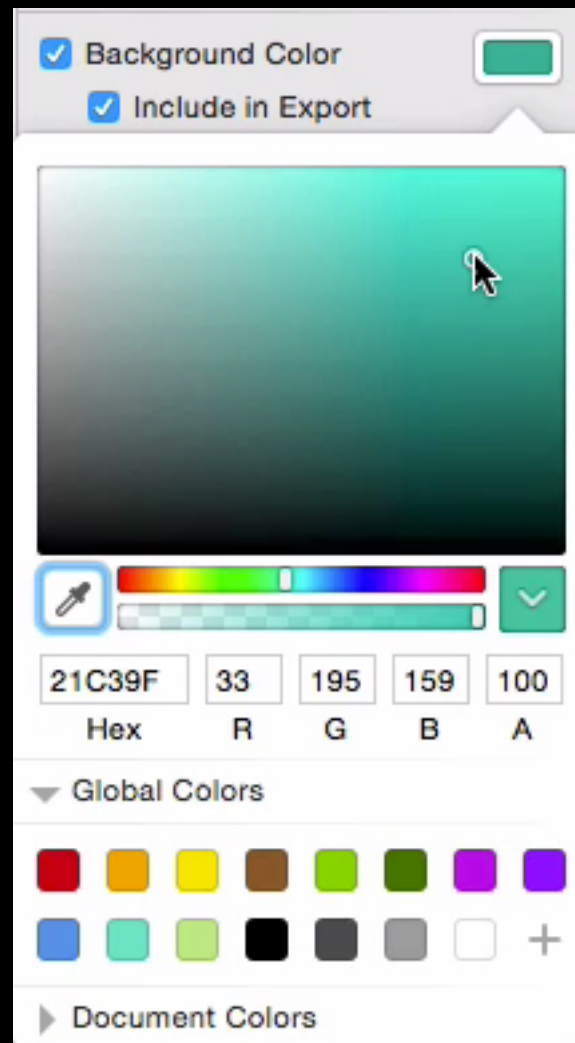
300

360

Saturation



Lightness



HSL

```
color: hsl(0, 100%, 50%);      /* red */  
color: hsl(120, 100%, 50%);    /* green */  
color: hsl(240, 100%, 50%);    /* blue */
```

<http://codepen.io/taker/pen/VvJJxO?editors=010>

HSLA

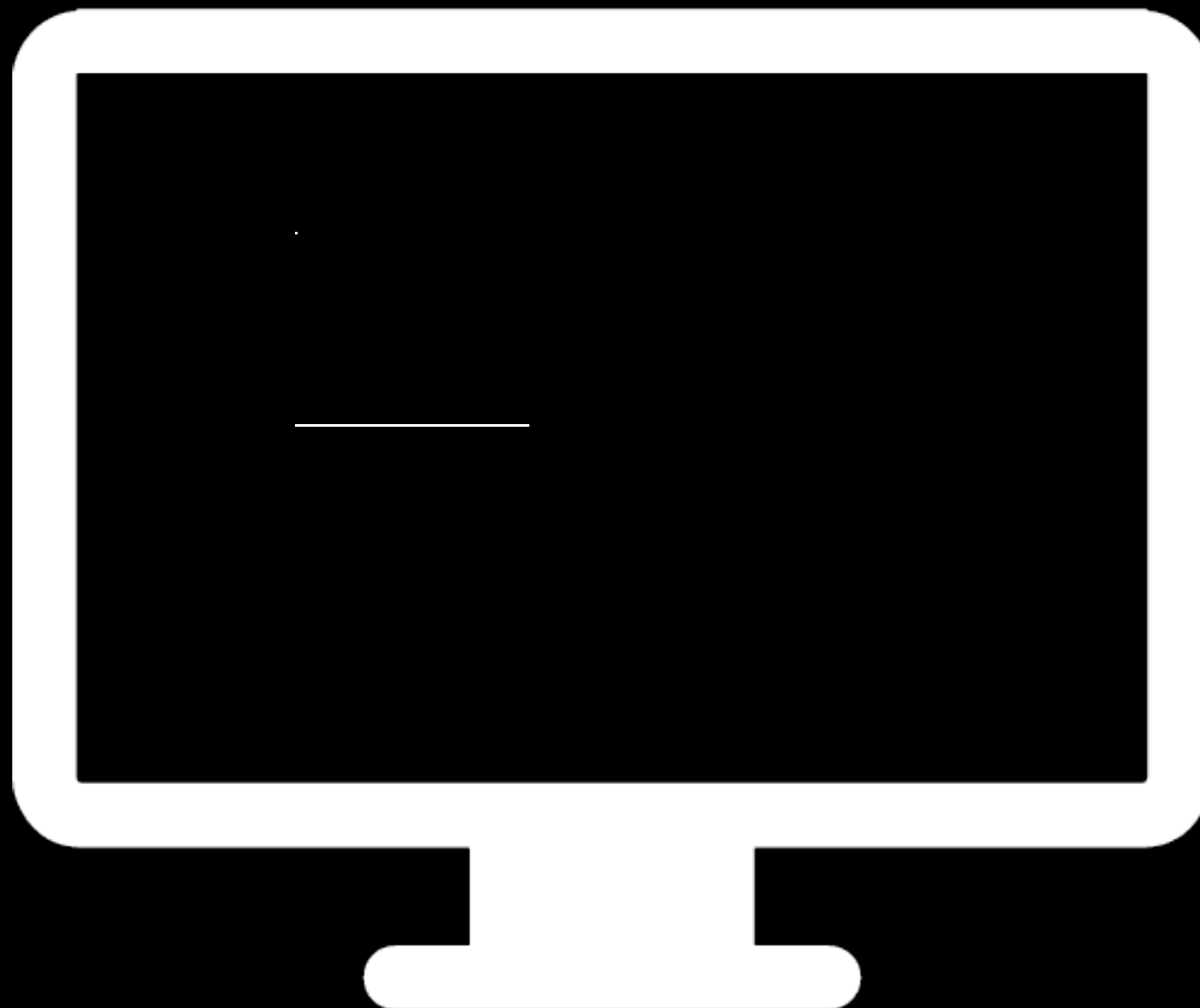
```
color: hsla(0, 100%, 50%, .5);      /* red */
color: hsla(120, 100%, 50%, .3);    /* green */
color: hsla(240, 100%, 50%, .7);    /* blue */
```

color

- rgb / rgba
 - rgba(255, 255, 255, .3)
- HEX
 - #cfcc07
- hsl / hsla
 - hsla(120, 70%, 50%, .3)

units

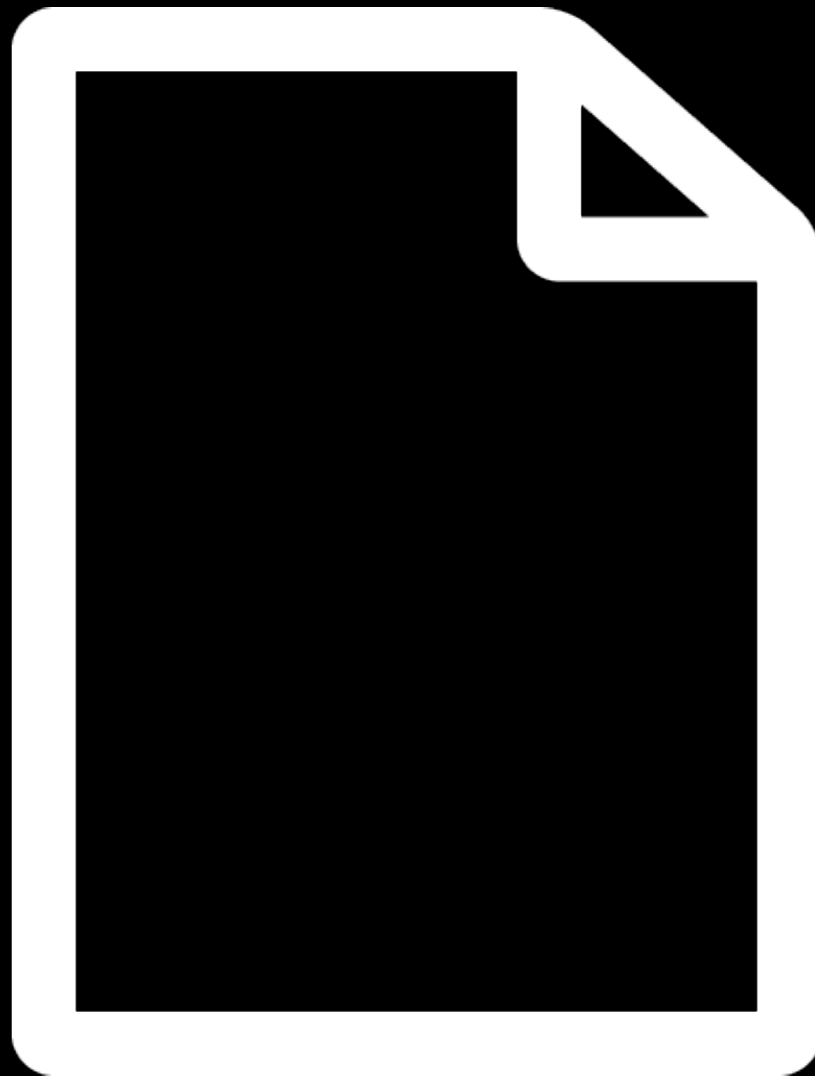
ρ_X



px

```
width: 120px;  
height: 80px;  
font-size: 16px;
```

pt



%

100px

100% = 100px

50% = 50px

200% = 200px

em

100px

1em = 100px

0.5em = 50px

2em = 200px

rem

```
body {  
    font-size: 12px;  
}
```

```
#header {  
    font-size: 1rem;    /* 12px */  
}
```

```
#content {  
    font-size: 2rem;    /* 24px */  
}
```

rem

```
body {  
    font-size: 30px;  
}
```

```
#header {  
    font-size: 1rem;    /* 30px */  
}
```

```
#content {  
    font-size: 2rem;    /* 60px */  
}
```

units

- px
- pt (x)
- %
- em
- rem