

Converting Colors

RGB(59, 245, 212)

Have a look what the booklet for
RGB(59, 245, 212) contains.

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Color

RGB(59, 245, 212)

Conversions

Conversions Part 1

Format	Color
Hex	3BF5D4
RGB	59, 245, 212
RGB Percent	23%, 96%, 83%
CMY	0.7686, 0.0392, 0.1686
CMYK	0.76, 0.00, 0.13, 0.04
HSL	169°, 90%, 60%
HSV	169°, 76%, 96%
XYZ	46.3397, 70.9881, 73.5471
YIQ	185.6240, -100.2630, -49.6950

Conversions

Conversions Part 2

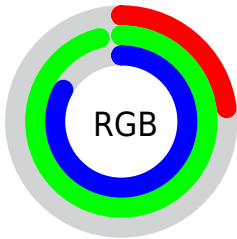
Format	Color
R _Y B	59, 161, 245
Decimal	3929556
CIE Lab	87.48, -52.50, 2.93
CIE LCh	87, 52.585, 176.805
Yxy	70.9881, 0.2428, 0.3719
Android (android.graphics.Color)	4282119636 (0xFF3BF5D4)
YUV	185.6240, 13.0034, -111.0492
Hunter-Lab	84.2544, -49.2707, 7.2229

Details

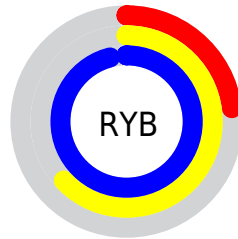
The RGB color **59, 245, 212** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light washed cyan. A complement of this color would be **245, 59, 92**, and the grayscale version is **186, 186, 186**.

A 20% lighter version of the original color is **134, 255, 255**, and **0, 188, 157** is the 20% darker color. If you saturate the color by 10%, you get **34, 245, 208**, and if you desaturate by 10%, it is **84, 245, 216**.

Distribution



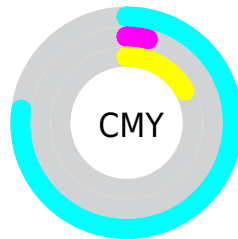
- Red (23%)
- Green (96%)
- Blue (83%)



- Red (23%)
- Yellow (63%)
- Blue (96%)



- Cyan (76%)
- Magenta (0%)
- Yellow (13%)
- Black (4%)


















- Cyan (77%)
- Magenta (4%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the RGB color 59, 245, 212 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RGB color 59, 245, 212 by changing the saturation by 10% instead.

 59, 245, 212	 59, 245, 212
255, 255, 255	 0, 216, 184
 134, 255, 255	 0, 188, 157
 166, 255, 255	 0, 160, 131
 198, 255, 255	 0, 133, 106
 230, 255, 255	 0, 107, 82
	 0, 81, 59
	 0, 57, 38
	 0, 34, 17
	 0, 0, 0

■ 59, 245, 212

■ 59, 245, 212

■ 34, 245, 208

■ 84, 245, 216

■ 10, 245, 203

■ 108, 245, 221

■ 0, 245, 202

■ 132, 245, 225

■ 157, 245, 229

■ 182, 245, 234

■ 206, 245, 238

■ 231, 245, 242

■ 255, 245, 247

■ 255, 245, 251

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



145, 240, 163



59, 245, 212



0, 245, 255

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



59, 245, 212



216, 208, 255



255, 197, 137

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



59, 245, 212



245, 59, 92

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 182, 177



59, 245, 212



255, 190, 255

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



59, 245, 212



128, 226, 255



255, 179, 227



255, 215, 118

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



59, 245, 212



0, 241, 255



255, 179, 227



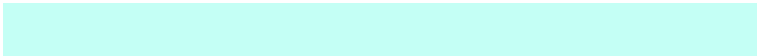
255, 191, 148

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



59, 245, 212



196, 255, 245



93, 245, 59



92, 128, 121



0, 0, 0



128, 128, 128

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



59, 245, 212



23, 255, 214



59, 186, 245



110, 122, 120



0, 186, 153



0, 59, 48

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



245, 59, 92



255, 23, 64



245, 118, 59



122, 110, 112



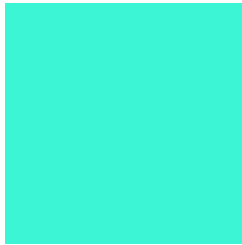
186, 0, 33



59, 0, 10

Previews

White Background



This preview shows how the RGB color 59, 245, 212 looks on a white background.

Color Contrast Check

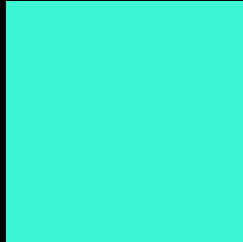
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 59, 245, 212 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

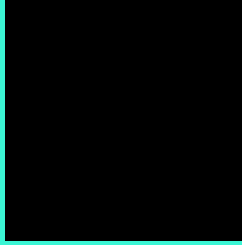
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 59, 245, 212 Background



This preview shows how black text looks on a background with the RGB color 59, 245, 212.

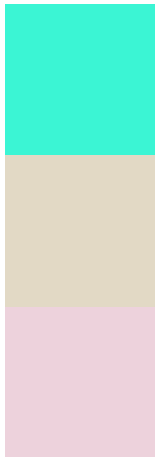


This preview shows how white text looks on a background with the RGB color 59, 245, 212.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
59, 245, 212

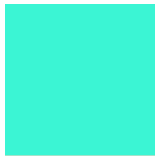
Protanopia
226, 217, 197

Deuteranopia
237, 210, 220

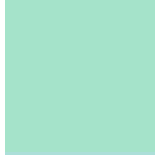


Tritanopia
104, 237, 255

Trichromacy



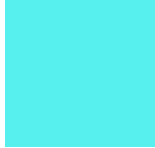
Original Color
59, 245, 212



Protanomaly
165, 227, 202



Deuteranomaly
172, 223, 217

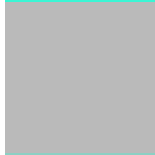


Tritanomaly
88, 240, 239

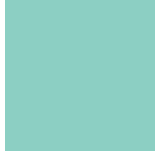
Monochromacy



Original Color
59, 245, 212



Achromatopsia
186, 186, 186



Achromatomaly
140, 207, 195

CSS Examples

Text

The CSS property to change the color of the text to RGB 59, 245, 212 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(59, 245, 212)` looks like.

```
.text, #text, p{  
    color:rgb(59, 245, 212)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(59, 245, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 245, 212) }
```

Border

The CSS property to change the border of an element to RGB 59, 245, 212 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(59, 245, 212) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(59, 245, 212) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(59, 245, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 245, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 245, 212);  
box-shadow:4px 4px 4px 4px rgb(59, 245,  
212) }
```

Background

The CSS property to change the background color of an element to RGB 59, 245, 212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 245, 212) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(59, 245,  
212) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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