

Converting Colors

RGB(0, 243, 205)

Have a look what the booklet for
RGB(0, 243, 205) contains.

RGB(0, 243, 205)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(0, 243, 205)

Conversions

Conversions Part 1

Format	Color
Hex	00F3CD
RGB	0, 243, 205
RGB Percent	0%, 95%, 80%
CMY	1.0000, 0.0471, 0.1961
CMYK	1.00, 0.00, 0.16, 0.05
HSL	171°, 100%, 48%
HSV	171°, 100%, 95%
XYZ	43.0700, 68.5090, 68.7111
YIQ	166.0110, -132.6300, -63.3340

Conversions

Conversions Part 2

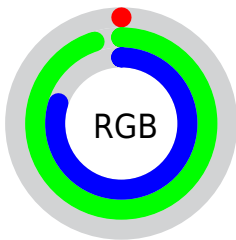
Format	Color
RYB	0, 132, 243
Decimal	62413
CIELab	86.26, -56.73, 4.76
CIELCh	86, 56.932, 175.201
Yxy	68.5090, 0.2389, 0.3800
Android (android.graphics.Color)	4278252493 (0xFF00F3CD)
YUV	166.0110, 19.2216, -145.5916
Hunter-Lab	82.7701, -51.9640, 8.7199

Details

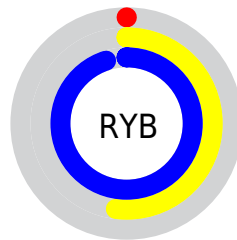
The RGB color **0, 243, 205** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light saturated cyan. A complement of this color would be **243, 0, 38**, and the grayscale version is **166, 166, 166**.

A 20% lighter version of the original color is **114, 255, 255**, and **0, 186, 151** is the 20% darker color. If you saturate the color by 10%, you get **0, 243, 205**, and if you desaturate by 10%, it is **24, 243, 209**.

Distribution



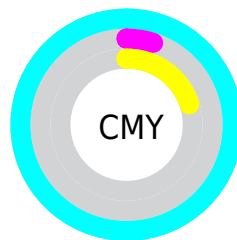
- Red (0%)
- Green (95%)
- Blue (80%)



- Red (0%)
- Yellow (52%)
- Blue (95%)



- Cyan (100%)
- Magenta (0%)
- Yellow (16%)
- Black (5%)




















- Cyan (100%)
- Magenta (5%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RGB color 0, 243, 205 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 0, 243, 205 by changing the saturation by 10% instead.

 0, 243, 205	 0, 243, 205
 255, 255, 255	 0, 214, 178
 114, 255, 255	 0, 186, 151
 149, 255, 255	 0, 158, 125
 182, 255, 255	 0, 131, 100
 214, 255, 255	 0, 104, 76
 246, 255, 255	 0, 79, 54
	 0, 55, 32
	 0, 30, 10
	 0, 0, 0

 0, 243, 205

 24, 243, 209

 49, 243, 213

 73, 243, 216

 97, 243, 220

 121, 243, 224

 146, 243, 228

 170, 243, 232

 194, 243, 235

 219, 243, 239

Harmonies

Analogous

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



138, 238, 152



0, 243, 205



0, 243, 255

Triad

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



0, 243, 205



207, 205, 255



255, 190, 129

Complementary

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



0, 243, 205



243, 0, 38

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, 175, 173



0, 243, 205



255, 185, 255

Square

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



0, 243, 205



101, 224, 255



255, 172, 227



255, 210, 106

Rectangle

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



0, 243, 205



0, 240, 255



255, 172, 227



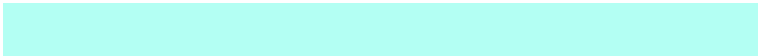
255, 184, 142

Sweetspot

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



0, 243, 205



179, 255, 243



40, 243, 0



82, 128, 120



0, 0, 0



128, 128, 128

Same Dimension

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



0, 243, 205



0, 255, 215



0, 162, 243



110, 122, 120



0, 186, 157



0, 59, 49

Inverse Universe

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



243, 0, 38



255, 0, 40



243, 81, 0



122, 110, 112



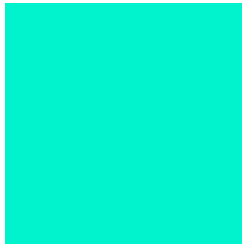
186, 0, 29



59, 0, 9

Previews

White Background



This preview shows how the RGB color 0, 243, 205 looks on a white background.

Color Contrast Check

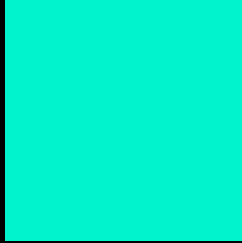
Large Text (above 18pt) WCAG AA × Fail

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 0, 243, 205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

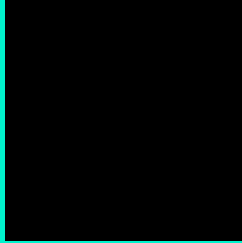
Any Text WCAG AA ✓ Pass

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 0, 243, 205 Background



This preview shows how black text looks on a background with the RGB color 0, 243, 205.



This preview shows how white text looks on a background with the RGB color 0, 243, 205.

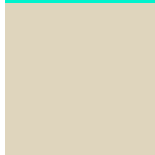
Color Blindness Simulation

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](#).

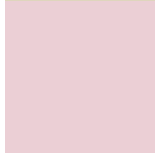
Dichromacy



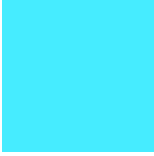
Original Color
0, 243, 205



Protanopia
223, 213, 189

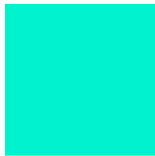


Deuteranopia
235, 207, 213



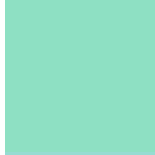
Tritanopia
70, 236, 255

Trichromacy



Original Color

0, 243, 205



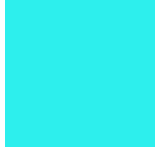
Protanomaly

142, 224, 195



Deuteranomaly

150, 220, 210



Tritanomaly

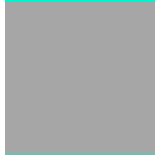
45, 239, 237

Monochromacy



Original Color

0, 243, 205



Achromatopsia

166, 166, 166



Achromatomaly

106, 194, 180

CSS Examples

Text

The CSS property to change the color of the text to RGB 0, 243, 205 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(0, 243, 205)` looks like.

```
.text, #text, p{  
    color:rgb(0, 243, 205)  
}
```

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(0, 243, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 243, 205) }
```

Border

The CSS property to change the border of an element to RGB 0, 243, 205 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(0, 243, 205) }
```

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

```
.border{ border-color:rgb(0, 243, 205) }
```

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

Here you see how a box with a 4 pixel rgb(0, 243, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 243, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 243, 205);  
box-shadow:4px 4px 4px 4px rgb(0, 243,  
205) }
```

Background

The CSS property to change the background color of an element to RGB 0, 243, 205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 243, 205) }
```

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

```
.background{ background-color: rgb(0, 243,  
205) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor