

Converting Colors

RGB(0, 253, 212)

Have a look what the booklet for
RGB(0, 253, 212) contains.

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Color

RGB(0, 253, 212)

Conversions

Conversions Part 1

Format	Color
Hex	00FDD4
RGB	0, 253, 212
RGB Percent	0%, 99%, 83%
CMY	1.0000, 0.0078, 0.1686
CMYK	1.00, 0.00, 0.16, 0.01
HSL	170°, 100%, 50%
HSV	170°, 100%, 99%
XYZ	47.0089, 75.0040, 74.2870
YIQ	172.6790, -137.6270, -66.3870

Conversions

Conversions Part 2

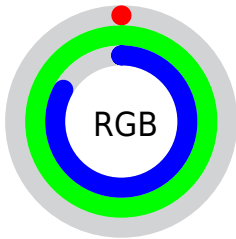
Format	Color
RYB	0, 138, 253
Decimal	64980
CIELab	89.39, -58.88, 5.65
CIELCh	89, 59.146, 174.521
Yxy	75.0040, 0.2395, 0.3821
Android (android.graphics.Color)	4278255060 (0xFF00FDD4)
YUV	172.6790, 19.3853, -151.4395
Hunter-Lab	86.6049, -54.6691, 9.7663

Details

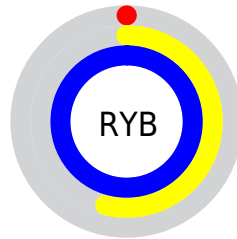
The RGB color **0, 253, 212** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light saturated cyan. A complement of this color would be **253, 0, 41**, and the grayscale version is **173, 173, 173**.

A 20% lighter version of the original color is **117, 255, 255**, and **0, 195, 157** is the 20% darker color. If you saturate the color by 10%, you get **0, 253, 212**, and if you desaturate by 10%, it is **25, 253, 216**.

Distribution



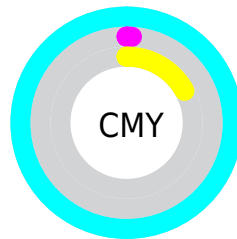
- Red (0%)
- Green (99%)
- Blue (83%)



- Red (0%)
- Yellow (54%)
- Blue (99%)



- Cyan (100%)
- Magenta (0%)
- Yellow (16%)
- Black (1%)




















- Cyan (100%)
- Magenta (1%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the RGB color 0, 253, 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 0, 253, 212 by changing the saturation by 10% instead.

 0, 253, 212	 0, 253, 212
 255, 255, 255	 0, 224, 184
 117, 255, 255	 0, 195, 157
 152, 255, 255	 0, 167, 131
 185, 255, 255	 0, 140, 106
 218, 255, 255	 0, 113, 82
 250, 255, 255	 0, 87, 59
	 0, 62, 38
	 0, 39, 17
	 0, 0, 0

 0, 253, 212

 25, 253, 216

 51, 253, 220

 76, 253, 224

 101, 253, 228

 127, 253, 233

 152, 253, 237

 177, 253, 241

 202, 253, 245

 228, 253, 249

Harmonies

Analogous

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



144, 247, 157



0, 253, 212



0, 253, 255

Triad

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



0, 253, 212



213, 214, 255



255, 197, 134

Complementary

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



0, 253, 212



253, 0, 41

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, 181, 181



0, 253, 212



255, 192, 255

Square

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



0, 253, 212



100, 234, 255



255, 179, 237



255, 218, 110

Rectangle

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



0, 253, 212



0, 250, 255



255, 179, 237



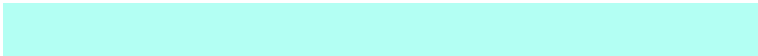
255, 191, 148

Sweetspot

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



0, 253, 212



179, 255, 243



42, 253, 0



82, 128, 120



0, 0, 0



128, 128, 128

Same Dimension

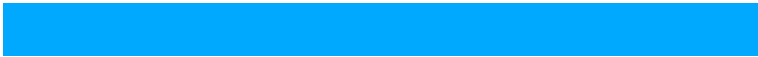
The Same Dimension uses a secret algorithm to generate beautiful new colors.



0, 253, 212



0, 255, 214



0, 169, 253



115, 128, 125



0, 191, 160



0, 64, 53

Inverse Universe

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



253, 0, 41



255, 0, 41



253, 84, 0



128, 115, 117



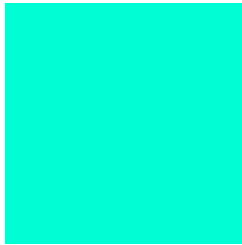
191, 0, 31



64, 0, 10

Previews

White Background



This preview shows how the RGB color 0, 253, 212 looks on a white background.

Color Contrast Check

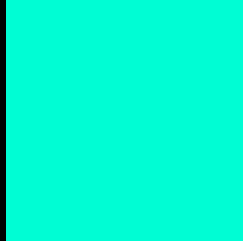
Large Text (above 18pt) WCAG AA × Fail

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 0, 253, 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

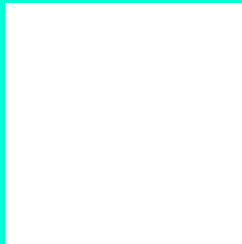
Any Text WCAG AAA ✓ Pass

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

RGB 0, 253, 212 Background



This preview shows how black text looks on a background with the RGB color 0, 253, 212.



This preview shows how white text looks on a background with the RGB color 0, 253, 212.

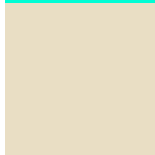
Color Blindness Simulation

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](#).

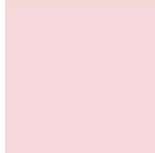
Dichromacy



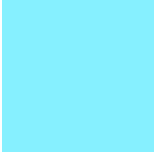
Original Color
0, 253, 212



Protanopia
233, 222, 196



Deuteranopia
245, 215, 220



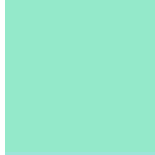
Tritanopia
134, 240, 255

Trichromacy



Original Color

0, 253, 212



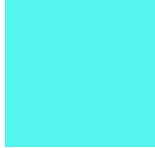
Protanomaly

148, 233, 202



Deuteranomaly

156, 229, 217



Tritanomaly

85, 245, 239

Monochromacy



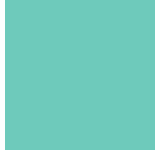
Original Color

0, 253, 212



Achromatopsia

173, 173, 173



Achromatomaly

110, 202, 187

CSS Examples

Text

The CSS property to change the color of the text to RGB 0, 253, 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(0, 253, 212)` looks like.

```
.text, #text, p{  
    color:rgb(0, 253, 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(0, 253, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 253, 212) }
```

Border

The CSS property to change the border of an element to RGB 0, 253, 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(0, 253, 212) }
```

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

```
.border{ border-color:rgb(0, 253, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 253, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 253, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 253, 212);  
box-shadow:4px 4px 4px 4px rgb(0, 253,  
212) }
```

Background

The CSS property to change the background color of an element to RGB 0, 253, 212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 253, 212) }
```

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

```
.background{ background-color: rgb(0, 253,  
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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