

Converting Colors

RGB(0, 242, 217)

Have a look what the booklet for
RGB(0, 242, 217) contains.

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Color

RGB(0, 242, 217)

Conversions

Conversions Part 1

Format	Color
Hex	00F2D9
RGB	0, 242, 217
RGB Percent	0%, 95%, 85%
CMY	1.0000, 0.0510, 0.1490
CMYK	1.00, 0.00, 0.10, 0.05
HSL	174°, 100%, 47%
HSV	174°, 100%, 95%
XYZ	44.2765, 68.5140, 76.5366
YIQ	166.7920, -136.2070, -59.0790

Conversions

Conversions Part 2

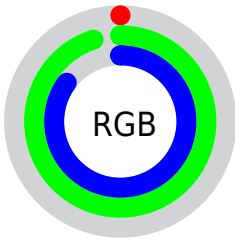
Format	Color
RYB	0, 128, 242
Decimal	62169
CIELab	86.26, -53.19, -1.51
CIELCh	86, 53.211, 181.629
Yxy	68.5140, 0.2339, 0.3619
Android (android.graphics.Color)	4278252249 (0xFF00F2D9)
YUV	166.7920, 24.7525, -146.2766
Hunter-Lab	82.7732, -49.3710, 3.1185

Details

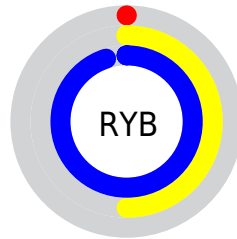
The RGB color **0, 242, 217** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light saturated cyan. A complement of this color would be **242, 0, 25**, and the grayscale version is **167, 167, 167**.

A 20% lighter version of the original color is **115, 255, 255**, and **0, 185, 162** is the 20% darker color. If you saturate the color by 10%, you get **0, 242, 217**, and if you desaturate by 10%, it is **24, 242, 219**.

Distribution



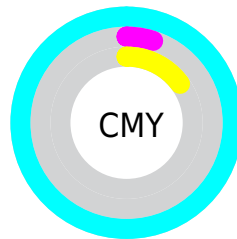
- Red (0%)
- Green (95%)
- Blue (85%)



- Red (0%)
- Yellow (50%)
- Blue (95%)



- Cyan (100%)
- Magenta (0%)
- Yellow (10%)
- Black (5%)




















- Cyan (100%)
- Magenta (5%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RGB color 0, 242, 217 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, 242, 217 by changing the saturation by 10% instead.

 0, 242, 217	 0, 242, 217
 255, 255, 255	 0, 213, 189
 115, 255, 255	 0, 185, 162
 150, 255, 255	 0, 157, 136
 183, 255, 255	 0, 130, 111
 215, 255, 255	 0, 104, 86
 247, 255, 255	 0, 79, 63
	 0, 54, 42
	 0, 31, 21
	 0, 0, 0

 0, 242, 217

 24, 242, 219

 48, 242, 222

 73, 242, 224

 97, 242, 227

 121, 242, 229

 145, 242, 232

 169, 242, 234

 194, 242, 237

 218, 242, 239

Harmonies

Analogous

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



129, 238, 166



0, 242, 217



0, 241, 255

Triad

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



0, 242, 217



224, 202, 255



255, 196, 128

Complementary

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



0, 242, 217



242, 0, 25

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, 180, 166



0, 242, 217



255, 184, 255

Square

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



0, 242, 217



139, 220, 255



255, 175, 215



244, 214, 113

Rectangle

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



0, 242, 217



0, 237, 255



255, 175, 215



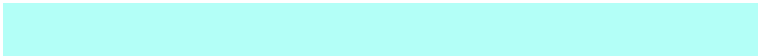
255, 190, 138

Sweetspot

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



0, 242, 217



179, 255, 247



28, 242, 0



82, 128, 123



0, 0, 0



128, 128, 128

Same Dimension

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



0, 242, 217



0, 255, 229



0, 149, 242



108, 120, 119



0, 184, 165



0, 56, 50

Inverse Universe

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



242, 0, 25



255, 0, 26



242, 93, 0



120, 108, 109



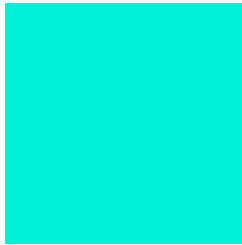
184, 0, 19



56, 0, 6

Previews

White Background



This preview shows how the RGB color 0, 242, 217 looks on a white background.

Color Contrast Check

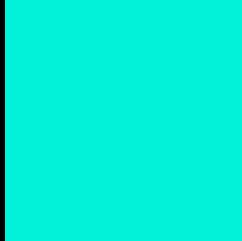
Large Text (above 18pt) WCAG AA × Fail

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, 242, 217 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

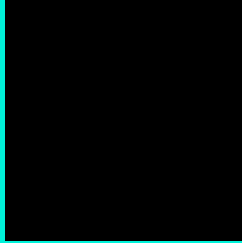
Any Text WCAG AA ✓ Pass

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, 242, 217 Background



This preview shows how black text looks on a background with the RGB color 0, 242, 217.



This preview shows how white text looks on a background with the RGB color 0, 242, 217.

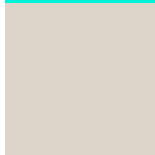
Color Blindness Simulation

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](#).

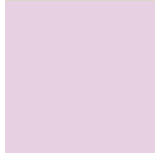
Dichromacy



Original Color
0, 242, 217



Protanopia
221, 213, 201



Deuteranopia
230, 208, 225



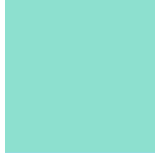
Tritanopia
68, 236, 255

Trichromacy



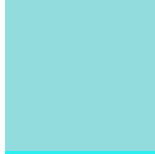
Original Color

0, 242, 217



Protanomaly

141, 224, 207



Deuteranomaly

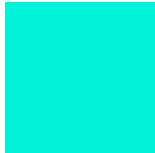
146, 220, 222



Tritanomaly

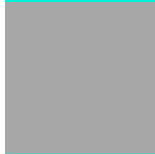
43, 238, 241

Monochromacy



Original Color

0, 242, 217



Achromatopsia

167, 167, 167



Achromatomaly

106, 194, 185

CSS Examples

Text

The CSS property to change the color of the text to RGB 0, 242, 217 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, 242, 217)` looks like.

```
.text, #text, p{  
    color:rgb(0, 242, 217)  
}
```

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, 242, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 242, 217) }
```

Border

The CSS property to change the border of an element to RGB 0, 242, 217 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, 242, 217) }
```

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

```
.border{ border-color:rgb(0, 242, 217) }
```

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

Here you see how a box with a 4 pixel rgb(0, 242, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 242, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 242, 217);  
box-shadow:4px 4px 4px 4px rgb(0, 242,  
217) }
```

Background

The CSS property to change the background color of an element to RGB 0, 242, 217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 242, 217) }
```

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

```
.background{ background-color: rgb(0, 242,  
217) }
```

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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