

Converting Colors

Hex(00F2C0)

Have a look what the booklet for
Hex(00F2C0) contains.

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Color

Hex(00F2C0)

Conversions

Conversions Part 1

Format	Color
Hex	00F2C0
RGB	0, 242, 192
RGB Percent	0%, 95%, 75%
CMY	1.0000, 0.0510, 0.2471
CMYK	1.00, 0.00, 0.21, 0.05
HSL	168°, 100%, 47%
HSV	168°, 100%, 95%
XYZ	41.2666, 67.3100, 60.6863
YIQ	163.9420, -128.1820, -66.8540

Conversions

Conversions Part 2

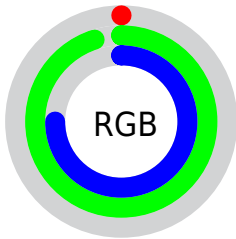
Format	Color
RYB	0, 135, 242
Decimal	62144
CIELab	85.66, -59.58, 10.69
CIELCh	86, 60.533, 169.833
Yxy	67.3100, 0.2438, 0.3977
Android (android.graphics.Color)	4278252224 (0xFF00F2C0)
YUV	163.9420, 13.8326, -143.7771
Hunter-Lab	82.0427, -53.7912, 13.5735

Details

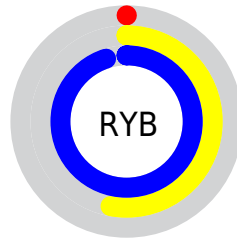
The Hex color **00F2C0** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light saturated cyan. A complement of this color would be **F20032**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **71FFF8**, and **00B98B** is the 20% darker color. If you saturate the color by 10%, you get **00F2C0**, and if you desaturate by 10%, it is **18F2C5**.

Distribution



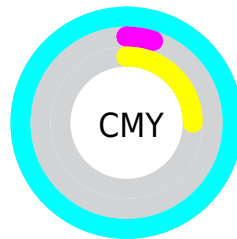
- Red (0%)
- Green (95%)
- Blue (75%)



- Red (0%)
- Yellow (53%)
- Blue (95%)



- Cyan (100%)
- Magenta (0%)
- Yellow (21%)
- Black (5%)



- Cyan (100%)
- Magenta (5%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00F2C0 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 Hex color 00F2C0 by changing the saturation by 10% instead.

 00F2C0

 00F2C0

FFFFFF

 00D5A5

 71FFF8

 00B98B

 94FFFF

 009D71

 B4FFFF

 008259

 D4FFFF

 006741

 F4FFFF

 004E2B

 003616

 001C00

 000000

 00F2C0

 18F2C5

 30F2CA

 49F2CF

 61F2D4

 79F2D9

 91F2DE

 A9F2E3

 C2F2E8

 DAF2ED

Harmonies

Analogous

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



90EB89



00F2C0



00F3FB

Triad

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



00F2C0



BBCFFF



FFB780

Complementary

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



00F2C0



F20032

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.



FFA8B2



00F2C0



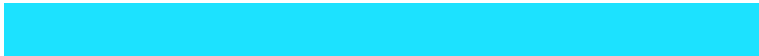
FFB8FF

Square

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



00F2C0



1CE2FF



FFA8EC



FFCC63

Rectangle

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



00F2C0



00F0FF



FFA8EC



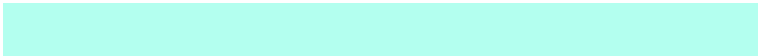
FFB190

Sweetspot

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



00F2C0



B3FFEF



34F200



528076



000000



808080

Same Dimension

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



00F2C0



00FFCA



00ADF2



6C7875



00B892



00382D

Inverse Universe

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



F20032



FF0035



F24500



786C6E



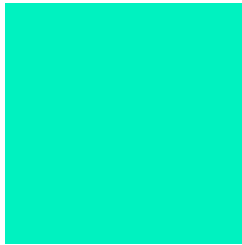
B80026



38000C

Previews

White Background



This preview shows how the Hex color 00F2C0 looks on a white background.

Color Contrast Check

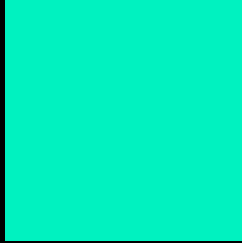
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 00F2C0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

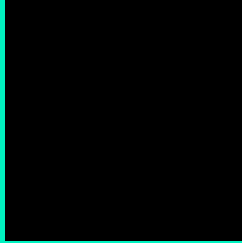
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

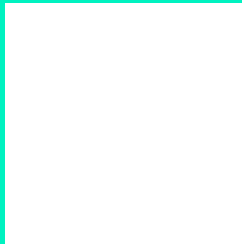
Any Text WCAG AAA ✓ Pass

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

Hex 00F2C0 Background



This preview shows how black text looks on a background with the Hex color 00F2C0.

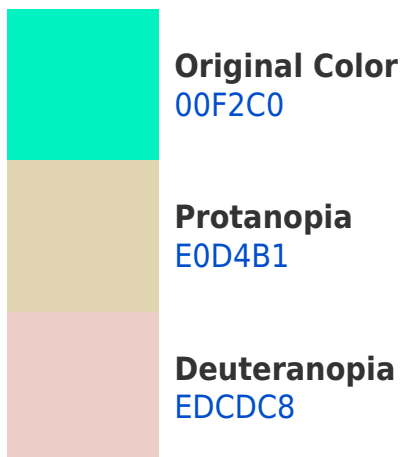


This preview shows how white text looks on a background with the Hex color 00F2C0.

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





Tritanopia
4AEAFD

Trichromacy



Original Color
00F2C0



Protanomaly
8FDfB6



Deuteranomaly
97Dac5

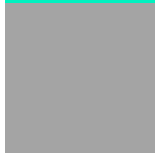


Tritanomaly
2FEDE7

Monochromacy



Original Color
00F2C0



Achromatopsia
A4A4A4



Achromatomaly
68C0AE

CSS Examples

Text

The CSS property to change the color of the text to Hex 00F2C0 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 #00F2C0 looks like.

```
.text, #text, p{  
    color:#00F2C0  
}
```

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 #00F2C0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00F2C0
}
```

Border

The CSS property to change the border of an element to Hex 00F2C0 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
#00F2C0 }
```

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

```
.border{ border-color:#00F2C0 }
```

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

Here you see how a box with a 4 pixel #00F2C0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00F2C0; -webkit-box-shadow:4px 4px  
4px 4px #00F2C0; box-shadow:4px 4px 4px  
4px #00F2C0 }
```

Background

The CSS property to change the background color of an element to Hex 00F2C0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00F2C0 }
```

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

```
.background{ background-color:#00F2C0 }
```

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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