

Converting Colors

Hex(00F7CF)

Have a look what the booklet for
Hex(00F7CF) contains.

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Color

Hex(00F7CF)

Conversions

Conversions Part 1

Format	Color
Hex	00F7CF
RGB	0, 247, 207
RGB Percent	0%, 97%, 81%
CMY	1.0000, 0.0314, 0.1882
CMYK	1.00, 0.00, 0.16, 0.03
HSL	170°, 100%, 48%
HSV	170°, 100%, 97%
XYZ	44.5232, 71.0265, 70.3944
YIQ	168.5870, -134.3720, -64.8040

Conversions

Conversions Part 2

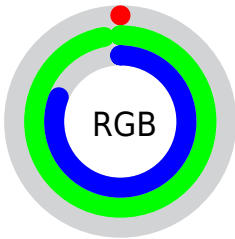
Format	Color
RYB	0, 134, 247
Decimal	63439
CIELab	87.50, -57.79, 5.51
CIELCh	87, 58.057, 174.557
Yxy	71.0265, 0.2394, 0.3820
Android (android.graphics.Color)	4278253519 (0xFF00F7CF)
YUV	168.5870, 18.9376, -147.8508
Hunter-Lab	84.2772, -53.1845, 9.4708

Details

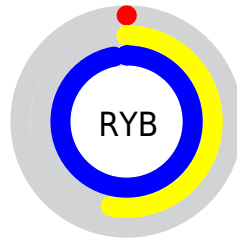
The Hex color **00F7CF** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light saturated cyan. A complement of this color would be **F70028**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **73FFFF**, and **00BD99** is the 20% darker color. If you saturate the color by 10%, you get **00F7CF**, and if you desaturate by 10%, it is **19F7D3**.

Distribution



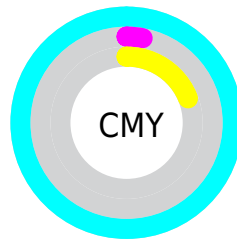
- Red (0%)
- Green (97%)
- Blue (81%)



- Red (0%)
- Yellow (53%)
- Blue (97%)



- Cyan (100%)
- Magenta (0%)
- Yellow (16%)
- Black (3%)



- Cyan (100%)
- Magenta (3%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00F7CF 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 00F7CF by changing the saturation by 10% instead.

 00F7CF

FFFFFF

 73FFFF

 96FFFF

 B7FFFF

 D7FFFF

 F8FFFF

 00F7CF

 00DAB3

 00BD99

 00A27F

 008666

 006C4E

 005237

 003A22

 00220C

 000000

 00F7CF

 19F7D3

 31F7D7

 4AF7DB

 63F7DF

 7CF7E3

 94F7E7

 ADF7EB

 C6F7EF

 DEF7F3

Harmonies

Analogous

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



8DF199



00F7CF



00F7FF

Triad

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



00F7CF



D0D1FF



FFC183

Complementary

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



00F7CF



F70028

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.



FFB1B0



00F7CF



FFBCFF

Square

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



00F7CF



62E4FF



FFAEE8



FFD56B

Rectangle

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



00F7CF



00F4FF



FFAEE8



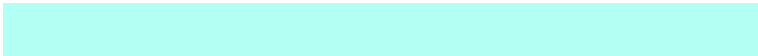
FFBA90

Sweetspot

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



00F7CF



B3FFF3



29F700



528078



000000



808080

Same Dimension

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



00F7CF



00FFD6



00A5F7



6E7A78



00BA9C



003B31

Inverse Universe

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



F70028



FF0029



F75200



7A6E70



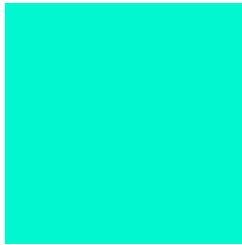
BA001E



3B0009

Previews

White Background



This preview shows how the Hex color 00F7CF looks on a white background.

Color Contrast Check

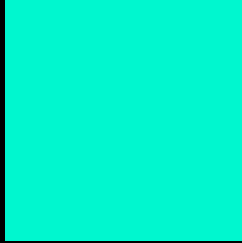
Large Text (above 18pt) WCAG AA × Fail

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 00F7CF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

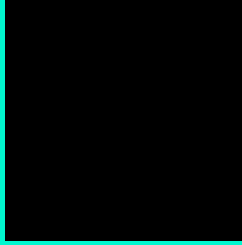
Any Text WCAG AA ✓ Pass

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 00F7CF Background



This preview shows how black text looks on a background with the Hex color 00F7CF.

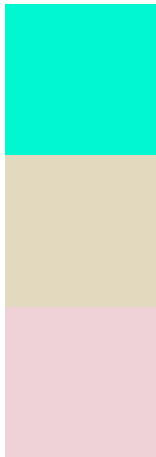


This preview shows how white text looks on a background with the Hex color 00F7CF.

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](#).

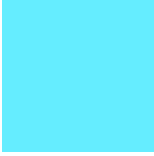
Dichromacy



Original Color
00F7CF

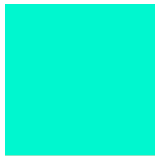
Protanopia
E3D9BF

Deuteranopia
EFD2D7

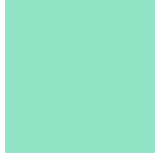


Tritanopia
65EDFF

Trichromacy



Original Color
00F7CF



Protanomaly
90E4C5



Deuteranomaly
98DFD4

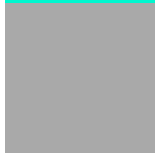


Tritanomaly
40F1EE

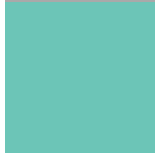
Monochromacy



Original Color
00F7CF



Achromatopsia
A9A9A9



Achromatomaly
6CC5B7

CSS Examples

Text

The CSS property to change the color of the text to Hex 00F7CF 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 #00F7CF looks like.

```
.text, #text, p{  
    color:#00F7CF  
}
```

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 #00F7CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00F7CF
}
```

Border

The CSS property to change the border of an element to Hex 00F7CF 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
#00F7CF }
```

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

```
.border{ border-color:#00F7CF }
```

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

Here you see how a box with a 4 pixel #00F7CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00F7CF; -webkit-box-shadow:4px 4px  
4px 4px #00F7CF; box-shadow:4px 4px 4px  
4px #00F7CF }
```

Background

The CSS property to change the background color of an element to Hex 00F7CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00F7CF }
```

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

```
.background{ background-color:#00F7CF }
```

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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