

Converting Colors

Hex(00F4CF)

Have a look what the booklet for
Hex(00F4CF) contains.

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Color

Hex(00F4CF)

Conversions

Conversions Part 1

Format	Color
Hex	00F4CF
RGB	0, 244, 207
RGB Percent	0%, 96%, 81%
CMY	1.0000, 0.0431, 0.1882
CMYK	1.00, 0.00, 0.15, 0.04
HSL	171°, 100%, 48%
HSV	171°, 100%, 96%
XYZ	43.6132, 69.2064, 70.0910
YIQ	166.8260, -133.5470, -63.2350

Conversions

Conversions Part 2

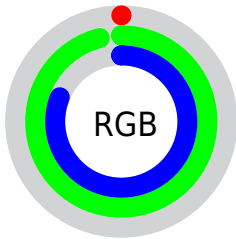
Format	Color
RYB	0, 132, 244
Decimal	62671
CIELab	86.61, -56.62, 4.22
CIELCh	87, 56.772, 175.739
Yxy	69.2064, 0.2384, 0.3784
Android (android.graphics.Color)	4278252751 (0xFF00F4CF)
YUV	166.8260, 19.8058, -146.3064
Hunter-Lab	83.1904, -52.0032, 8.2792

Details

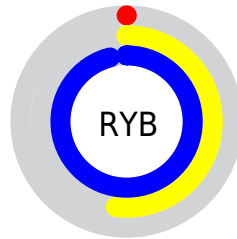
The Hex color **00F4CF** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light saturated cyan. A complement of this color would be **F40025**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **73FFFF**, and **00BB99** is the 20% darker color. If you saturate the color by 10%, you get **00F4CF**, and if you desaturate by 10%, it is **18F4D3**.

Distribution



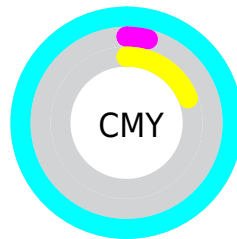
- Red (0%)
- Green (96%)
- Blue (81%)



- Red (0%)
- Yellow (52%)
- Blue (96%)



- Cyan (100%)
- Magenta (0%)
- Yellow (15%)
- Black (4%)



- Cyan (100%)
- Magenta (4%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00F4CF 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 00F4CF by changing the saturation by 10% instead.

 00F4CF

FFFFFF

 73FFFF

 95FFFF

 B6FFFF

 D6FFFF

 F7FFFF

 00F4CF

 00D7B4

 00BB99

 009F7F

 008466

 00694E

 005037

 003822

 001F0C

 000000

 00F4CF

 18F4D3

 31F4D6

 49F4DA

 62F4DE

 7AF4E2

 92F4E5

 ABF4E9

 C3F4ED

 DCF4F0

Harmonies

Analogous

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



89EF9A



00F4CF



00F4FF

Triad

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



00F4CF



D1CEFF



FFC081

Complementary

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



00F4CF



F40025

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.



FFB0AD



00F4CF



FFB9FF

Square

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



00F4CF



6AE1FF



FFADE3



FFD36B

Rectangle

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



00F4CF



00F0FF



FFADE3



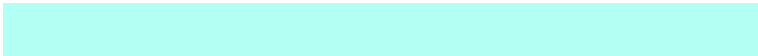
FFB98E

Sweetspot

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



00F4CF



B3FFF3



29F400



528079



000000



808080

Same Dimension

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



00F4CF



00FFD8



00A3F4



6E7A79



00BA9E



003B32

Inverse Universe

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



F40025



FF0027



F45100



7A6E70



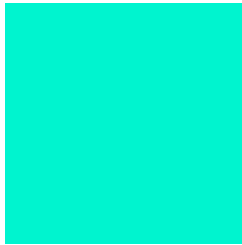
BA001C



3B0009

Previews

White Background



This preview shows how the Hex color 00F4CF looks on a white background.

Color Contrast Check

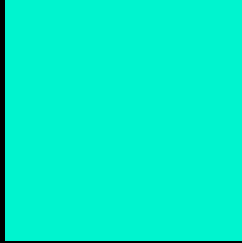
Large Text (above 18pt) WCAG AA × Fail

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 00F4CF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

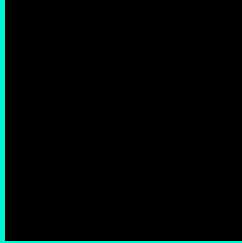
Any Text WCAG AA ✓ Pass

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 00F4CF Background



This preview shows how black text looks on a background with the Hex color 00F4CF.

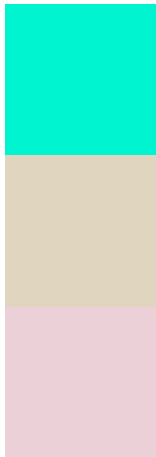


This preview shows how white text looks on a background with the Hex color 00F4CF.

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
00F4CF

Protanopia
E0D6BF

Deuteranopia
EBD0D7

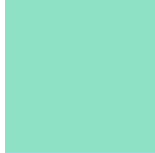


Tritanopia
50ECFF

Trichromacy



Original Color
00F4CF



Protanomaly
8FE1C5



Deuteranomaly
96DDD4

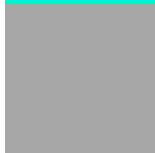


Tritanomaly
33EFEE

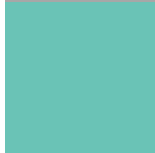
Monochromacy



Original Color
00F4CF



Achromatopsia
A7A7A7



Achromatomaly
6AC3B6

CSS Examples

Text

The CSS property to change the color of the text to Hex 00F4CF 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 #00F4CF looks like.

```
.text, #text, p{  
    color:#00F4CF  
}
```

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 #00F4CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00F4CF  
}
```

Border

The CSS property to change the border of an element to Hex 00F4CF 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  
#00F4CF }
```

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

```
.border{ border-color:#00F4CF }
```

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

Here you see how a box with a 4 pixel #00F4CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00F4CF; -webkit-box-shadow:4px 4px  
4px 4px #00F4CF; box-shadow:4px 4px 4px  
4px #00F4CF }
```

Background

The CSS property to change the background color of an element to Hex 00F4CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00F4CF }
```

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

```
.background{ background-color:#00F4CF }
```

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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