

Converting Colors

Hex(00FFCF)

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

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Color

Hex(00FFCF)

Conversions

Conversions Part 1

Format	Color
Hex	00FFCF
RGB	0, 255, 207
RGB Percent	0%, 100%, 81%
CMY	1.0000, 0.0000, 0.1882
CMYK	1.00, 0.00, 0.19, 0.00
HSL	169°, 100%, 50%
HSV	169°, 100%, 100%
XYZ	47.0225, 76.0250, 71.2274
YIQ	173.2830, -136.5720, -68.9880

Conversions

Conversions Part 2

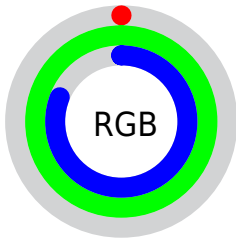
Format	Color
RYB	0, 141, 255
Decimal	65487
CIELab	89.87, -60.89, 8.92
CIELCh	90, 61.539, 171.667
Yxy	76.0250, 0.2420, 0.3913
Android (android.graphics.Color)	4278255567 (0xFF00FFCF)
YUV	173.2830, 16.6225, -151.9692
Hunter-Lab	87.1923, -56.3222, 12.6006

Details

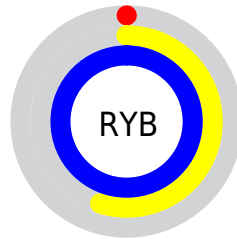
The Hex color **00FFCF** is a light color, and the websafe version is hex **00FFCC**. The color can be described as light saturated cyan. A complement of this color would be **FF0030**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **75FFFF**, and **00C599** is the 20% darker color. If you saturate the color by 10%, you get **00FFCF**, and if you desaturate by 10%, it is **19FFD4**.

Distribution



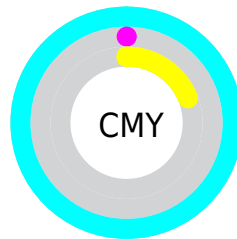
- Red (0%)
- Green (100%)
- Blue (81%)



- Red (0%)
- Yellow (55%)
- Blue (100%)



- Cyan (100%)
- Magenta (0%)
- Yellow (19%)
- Black (0%)




- Cyan (100%)
- Magenta (0%)
- Yellow (19%)

Brightness & Saturation Gradients

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

 00FFCF

 00FFCF

FFFFFF

 00E2B3

 75FFFF

 00C599

 98FFFF

 00A97F

 B9FFFF

 008D66

 DAFFFF

 00734E

 FAFFFF

 005937

 003F22

 00280C

 000000

 00FFCF

 19FFD4

 33FFD9

 4DFFDD

 66FFE2

 80FFE7

 99FEC

 B3FFF1

 CCFFF5

 E6FFFA

Harmonies

Analogous

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



95F896



00FFCF



00FFFF

Triad

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



00FFCF



CCD9FF



FFC388

Complementary

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



00FFCF



FF0030

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.



FFB3BA



00FFCF



FFC2FF

Square

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



00FFCF



45EDFF



FFB2F5



FFD96B

Rectangle

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



00FFCF



00DFFF



FFB2F5



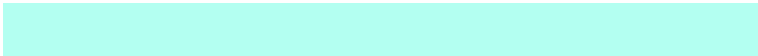
FFBD97

Sweetspot

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



00FFCF



B3FFF1



33FF00



528077



000000



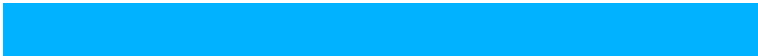
808080

Same Dimension

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



00FFCF



00B2FF



73807D



00BF9B



004034

Inverse Universe

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



FF0030



FF4D00



807375



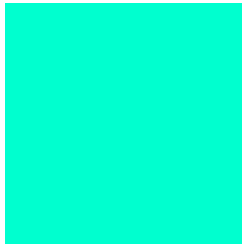
BF0024



40000C

Previews

White Background



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

Color Contrast Check

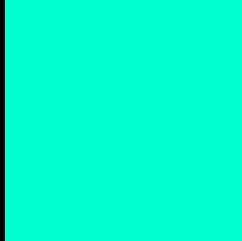
Large Text (above 18pt) WCAG AA × Fail

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 00FFCF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

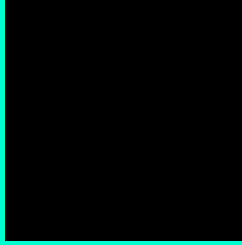
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

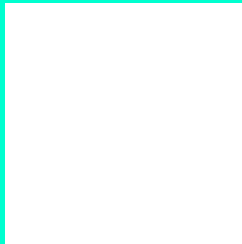
Any Text WCAG AAA ✓ Pass

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

Hex 00FFCF Background



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



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

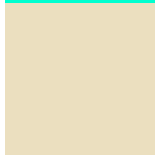
Color Blindness Simulation

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](#).

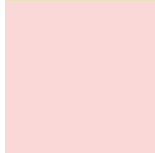
Dichromacy



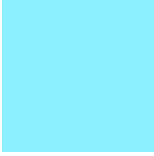
Original Color
00FFCF



Protanopia
EBDFBF

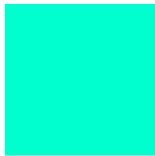


Deuteranopia
F9D8D7

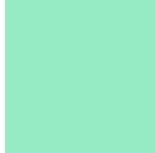


Tritanopia
8DF0FF

Trichromacy



Original Color
00FFCF



Protanomaly
96EBC5



Deuteranomaly
9EE6D4

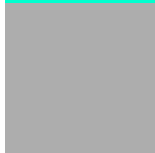


Tritanomaly
5AF5EE

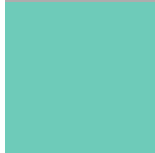
Monochromacy



Original Color
00FFCF



Achromatopsia
ADADAD



Achromatomaly
6ECBB9

CSS Examples

Text

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

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

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 #00FFCF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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