

# Converting Colors

Hex(02CFFF)

Have a look what the booklet for  
Hex(02CFFF) contains.

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# Color

Hex(02CFFF)

# Conversions

## Conversions Part 1

Format	Color
Hex	02CFFF
RGB	2, 207, 255
RGB Percent	1%, 81%, 100%
CMY	0.9922, 0.1882, 0.0000
CMYK	0.99, 0.19, 0.00, 0.00
HSL	191°, 100%, 50%
HSV	191°, 99%, 100%
XYZ	40.3879, 51.8586, 102.4888
YIQ	151.1770, -137.5880, -28.5320

# Conversions

## Conversions Part 2

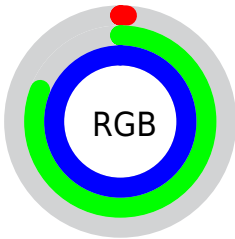
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	2, 115, 255
Decimal	184319
CIE Lab	77.20, -25.81, -35.32
CIE LCh	77, 43.745, 233.849
Yxy	51.8586, 0.2074, 0.2663
Android (android.graphics.Color)	4278374399 (0xFF02CFFF)
YUV	151.1770, 51.1847, -130.8282
Hunter-Lab	72.0129, -25.9122, -33.9725

# Details

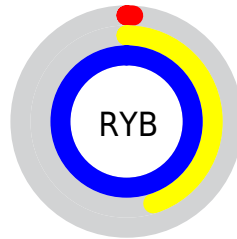
The Hex color **02CFFF** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light saturated cyan. A complement of this color would be **FF3202**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **73FFFF**, and **0098C6** is the 20% darker color. If you saturate the color by 10%, you get **00CFFF**, and if you desaturate by 10%, it is **1BD4FF**.

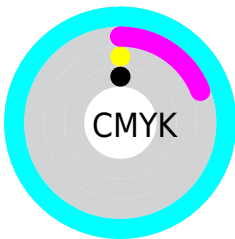
# Distribution



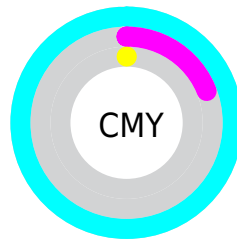
- Red (1%)
- Green (81%)
- Blue (100%)



- Red (1%)
- Yellow (45%)
- Blue (100%)



- Cyan (99%)
- Magenta (19%)
- Yellow (0%)
- Black (0%)



- Cyan (99%)
- Magenta (19%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 02CFFF 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 02CFFF by changing the saturation by 10% instead.



 02CFFF

 02CFFF

FFFFFF

 00B3E2

 73FFFF

 0098C6

 96FFFF

 007EAB

 B7FFFF

 006590

 D7FFFF

 004D76

 F7FFFF


 00365D

 002245

 00042F

 000119

 02CFFF

 02CFFF

 00CFFF

 1BD4FF

 35D9FF

 4FDEFF

 68E2FF

 82E7FF

 9BECFF

 B4F1FF

 CEF6FF

 E8FBFF

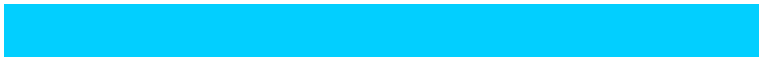
# Harmonies

## Analogous

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



00D4DE



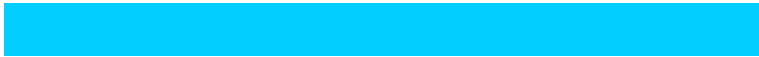
02CFFF



72C5FF

# Triad

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



02CFFF



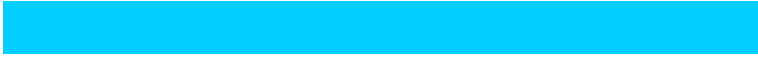
FF9FC9



B8C673

# Complementary

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



02CFFF



FF3202

# 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.



E0B96D



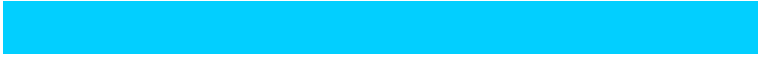
02CFFF



FFA1A0

# Square

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



02CFFF



EAA9EF



FEAB7F



89CF8D

# Rectangle

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



02CFFF



A2BCFF



FEAB7F

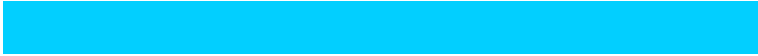


C6C26E



# Sweetspot

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



02CFFF



B3F0FF



02FF30



527780



000000



808080

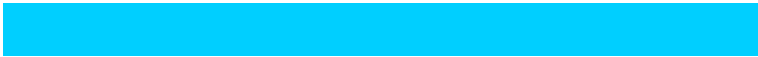


# Same Dimension

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



02CFFF



00CFFF



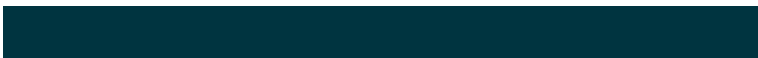
0252FF



737D80



009BBF



003440



# Inverse Universe

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



FF02CF



FF00CF



FFAF02



80737D



BF009B



400034



# Previews

## White Background



This preview shows how the Hex color 02CFFF looks on a white background.

## Color Contrast Check

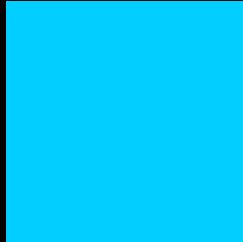
Large Text (above 18pt) WCAG AA × Fail

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 02CFFF 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 02CFFF Background



This preview shows how black text looks on a background with the Hex color 02CFFF.



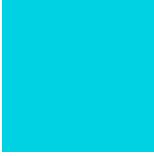
This preview shows how white text looks on a background with the Hex color 02CFFF.

# 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**  
00D2E3

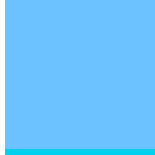
# Trichromacy



**Original Color**  
02CFFF



**Protanomaly**  
71C2F5



**Deuteranomaly**  
6CC2FF



**Tritanomaly**  
01D1ED

# Monochromacy



**Original Color**  
02CFFF



**Achromatopsia**  
979797



**Achromatomaly**  
61ABBD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 02CFFF 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 #02CFFF looks like.

```
.text, #text, p{  
    color:#02CFFF  
}
```

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 #02CFFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #02CFFF
}
```

## Border

The CSS property to change the border of an element to Hex 02CFFF 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
#02CFFF }
```

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

```
.border{ border-color:#02CFFF }
```

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

Here you see how a box with a 4 pixel #02CFFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #02CFFF; -webkit-box-shadow:4px 4px  
4px 4px #02CFFF; box-shadow:4px 4px 4px  
4px #02CFFF }
```

# Background

The CSS property to change the background color of an element to Hex 02CFFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#02CFFF }
```

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

```
.background{ background-color:#02CFFF }
```

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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