

Converting Colors

Hex(02C3FF)

Have a look what the booklet for
Hex(02C3FF) contains.

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Color

Hex(02C3FF)

Conversions

Conversions Part 1

Format	Color
Hex	02C3FF
RGB	2, 195, 255
RGB Percent	1%, 76%, 100%
CMY	0.9922, 0.2353, 0.0000
CMYK	0.99, 0.24, 0.00, 0.00
HSL	194°, 100%, 50%
HSV	194°, 99%, 100%
XYZ	37.5901, 46.2631, 101.5562
YIQ	144.1330, -134.2880, -22.2560

Conversions

Conversions Part 2

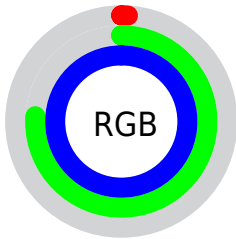
Format	Color
R _Y B	2, 111, 255
Decimal	181247
CIE Lab	73.72, -19.69, -40.73
CIE LCh	74, 45.238, 244.194
Yxy	46.2631, 0.2027, 0.2495
Android (android.graphics.Color)	4278371327 (0xFF02C3FF)
YUV	144.1330, 54.6574, -124.6506
Hunter-Lab	68.0170, -20.3803, -40.9140

Details

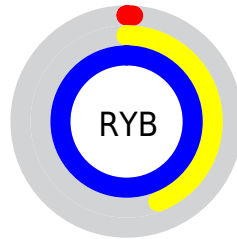
The Hex color **02C3FF** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light saturated cyan. A complement of this color would be **FF3E02**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **72FCFF**, and **008DC6** is the 20% darker color. If you saturate the color by 10%, you get **00C3FF**, and if you desaturate by 10%, it is **1BC9FF**.

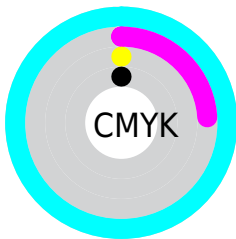
Distribution



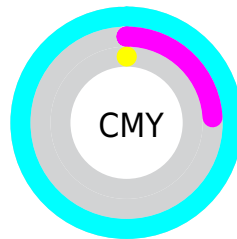
- Red (1%)
- Green (76%)
- Blue (100%)



- Red (1%)
- Yellow (44%)
- Blue (100%)



- Cyan (99%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)




- Cyan (99%)
- Magenta (24%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 02C3FF 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 02C3FF by changing the saturation by 10% instead.

 02C3FF

 02C3FF

FFFFFF

 00A8E2

 72FCFF

 008DC6

 95FFFF

 0074AB

 B5FFFF

 005B90

 D6FFFF

 004476

 F6FFFF


 002D5D

 001A45

 00042E

 000118

 02C3FF

 02C3FF

 00C3FF

 1BC9FF

 35CFFF

 4FD5FF

 68DBFF

 82E1FF

 9BE7FF

 B4EDFF

 CEF3FF

 E8F9FF

Harmonies

Analogous

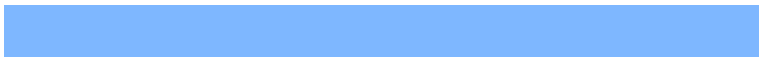
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



00C9E2



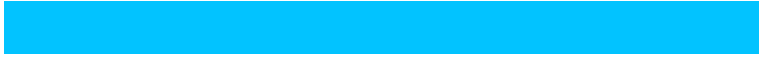
02C3FF



7EB7FF

Triad

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



02C3FF



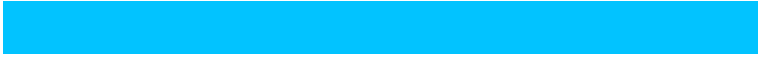
FF94B1



9EC06F

Complementary

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



02C3FF



FF3E02

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.



CAB561



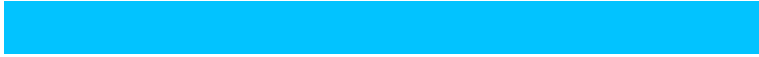
02C3FF



FF9989

Square

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



02C3FF



EE9ADA



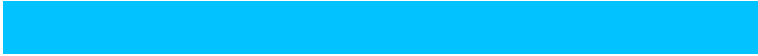
ECA66B



69C890

Rectangle

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



02C3FF



ADADFF



ECA66B



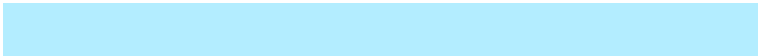
ADB667

Sweetspot

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



02C3FF



B3EDFF



02FF3D



527580



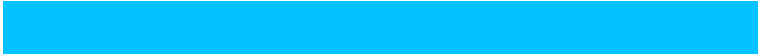
000000



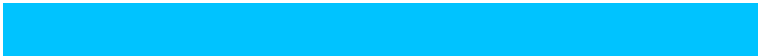
808080

Same Dimension

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



02C3FF



00C3FF



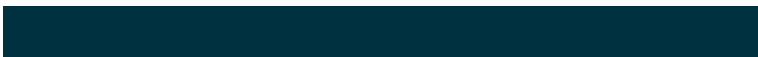
0245FF



737C80



0092BF



003140

Inverse Universe

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



FF02C3



FF00C3



FFBC02



80737C



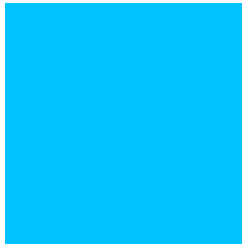
BF0092



400031

Previews

White Background



This preview shows how the Hex color 02C3FF looks on a white background.

Color Contrast Check

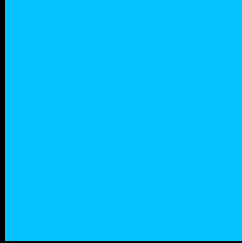
Large Text (above 18pt) WCAG AA × Fail

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 02C3FF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

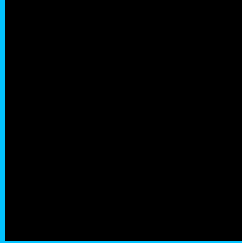
Any Text WCAG AA ✓ Pass

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 02C3FF Background



This preview shows how black text looks on a background with the Hex color 02C3FF.

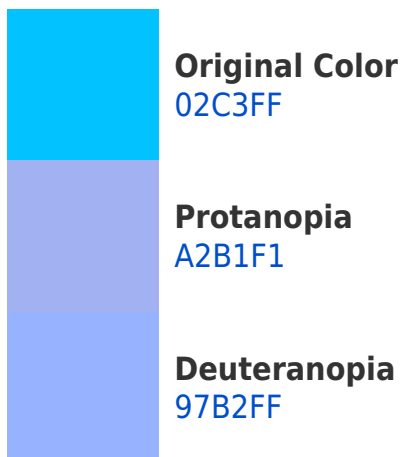


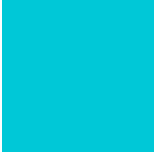
This preview shows how white text looks on a background with the Hex color 02C3FF.

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
00C8D7

Trichromacy



Original Color
02C3FF



Protanomaly
68B8F6



Deuteranomaly
61B8FF



Tritanomaly
01C6E6

Monochromacy



Original Color
02C3FF



Achromatopsia
909090



Achromatomaly
5CA3B8

CSS Examples

Text

The CSS property to change the color of the text to Hex 02C3FF 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 #02C3FF looks like.

```
.text, #text, p{  
    color:#02C3FF  
}
```

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 #02C3FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #02C3FF
}
```

Border

The CSS property to change the border of an element to Hex 02C3FF 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
#02C3FF }
```

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

```
.border{ border-color:#02C3FF }
```

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

Here you see how a box with a 4 pixel #02C3FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #02C3FF; -webkit-box-shadow:4px 4px  
4px 4px #02C3FF; box-shadow:4px 4px 4px  
4px #02C3FF }
```

Background

The CSS property to change the background color of an element to Hex 02C3FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#02C3FF }
```

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

```
.background{ background-color:#02C3FF }
```

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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