

Converting Colors

Hex(00C5FF)

Have a look what the booklet for
Hex(00C5FF) contains.

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Color

Hex(00C5FF)

Conversions

Conversions Part 1

Format	Color
Hex	00C5FF
RGB	0, 197, 255
RGB Percent	0%, 77%, 100%
CMY	1.0000, 0.2275, 0.0000
CMYK	1.00, 0.23, 0.00, 0.00
HSL	194°, 100%, 50%
HSV	194°, 100%, 100%
XYZ	38.0163, 47.1525, 101.7054
YIQ	144.7090, -136.0300, -23.7260

Conversions

Conversions Part 2

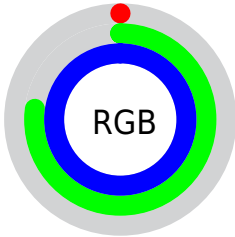
Format	Color
RYB	0, 111, 255
Decimal	50687
CIELab	74.29, -20.77, -39.84
CIELCh	74, 44.929, 242.459
Yxy	47.1525, 0.2034, 0.2523
Android (android.graphics.Color)	4278240767 (0xFF00C5FF)
YUV	144.7090, 54.3735, -126.9098
Hunter-Lab	68.6677, -21.3461, -39.7485

Details

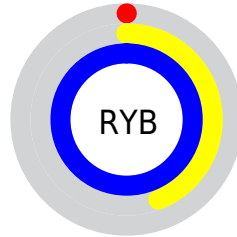
The Hex color **00C5FF** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light saturated cyan. A complement of this color would be **FF3A00**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **72FEFF**, and **008FC6** is the 20% darker color. If you saturate the color by 10%, you get **00C5FF**, and if you desaturate by 10%, it is **19CBFF**.

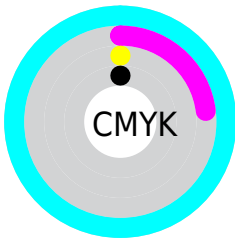
Distribution



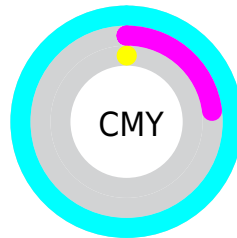
- Red (0%)
- Green (77%)
- Blue (100%)



- Red (0%)
- Yellow (44%)
- Blue (100%)



- Cyan (100%)
- Magenta (23%)
- Yellow (0%)
- Black (0%)



- Cyan (100%)
- Magenta (23%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00C5FF 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 00C5FF by changing the saturation by 10% instead.

 00C5FF

FFFFFF

 72FEFF

 95FFFF

 B5FFFF

 D6FFFF

 F6FFFF

 00C5FF

 00AAE2

 008FC6

 0075AB

 005D90

 004576

 002F5D

 001B45

 00042E

 000118

 00C5FF

 19CBFF

 33D1FF

 4DD6FF

 66DCFF

 80E2FF

 99E8FF

 B3EEFF

 CCF3FF

 E6F9FF

Harmonies

Analogous

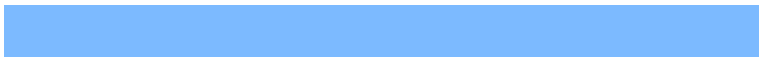
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



00CBE2



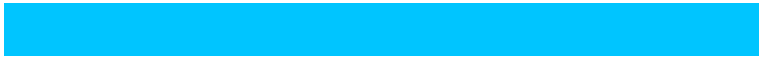
00C5FF



7CBAFF

Triad

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



00C5FF



FF95B5



A2C16F

Complementary

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



00C5FF



FF3A00

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.



CDB563



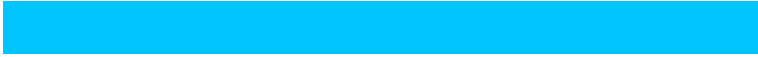
00C5FF



FF9A8D

Square

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



00C5FF



ED9CDE



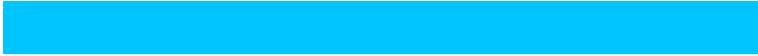
F0A76E



6FC98F

Rectangle

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



00C5FF



ABB0FF



F0A76E



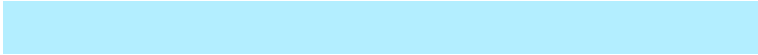
B2BE68

Sweetspot

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



00C5FF



B3EEFF



00FF37



527580



000000



808080

Same Dimension

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



00C5FF



0048FF



737D80



0094BF



003140

Inverse Universe

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



FF00C5



FFB700



80737D



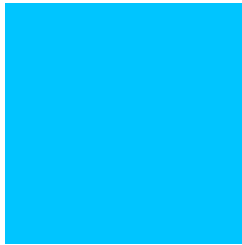
BF0094



400031

Previews

White Background



This preview shows how the Hex color 00C5FF looks on a white background.

Color Contrast Check

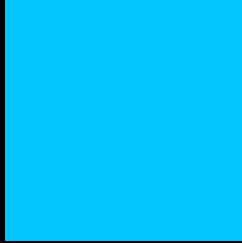
Large Text (above 18pt) WCAG AA × Fail

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 00C5FF 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 00C5FF Background



This preview shows how black text looks on a background with the Hex color 00C5FF.

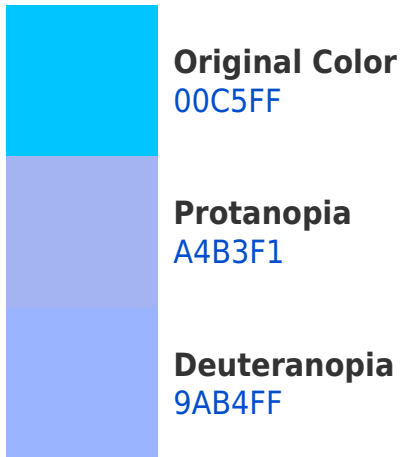


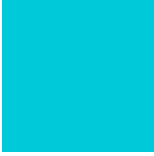
This preview shows how white text looks on a background with the Hex color 00C5FF.

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
00CAD9

Trichromacy



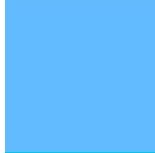
Original Color

00C5FF



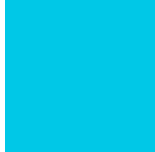
Protanomaly

68BAF6



Deuteranomaly

62BAFF



Tritanomaly

00C8E7

Monochromacy



Original Color

00C5FF



Achromatopsia

919191



Achromatomaly

5CA4B9

CSS Examples

Text

The CSS property to change the color of the text to Hex 00C5FF 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 #00C5FF looks like.

```
.text, #text, p{  
  color:#00C5FF  
}
```

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 #00C5FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00C5FF
}
```

Border

The CSS property to change the border of an element to Hex 00C5FF 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
#00C5FF }
```

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

```
.border{ border-color:#00C5FF }
```

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

Here you see how a box with a 4 pixel #00C5FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00C5FF; -webkit-box-shadow:4px 4px  
4px 4px #00C5FF; box-shadow:4px 4px 4px  
4px #00C5FF }
```

Background

The CSS property to change the background color of an element to Hex 00C5FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00C5FF }
```

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

```
.background{ background-color:#00C5FF }
```

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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