

# Converting Colors

Hex(00C7FF)

Have a look what the booklet for  
Hex(00C7FF) contains.

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# **Color**

**Hex(00C7FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00C7FF
RGB	0, 199, 255
RGB Percent	0%, 78%, 100%
CMY	1.0000, 0.2196, 0.0000
CMYK	1.00, 0.22, 0.00, 0.00
HSL	193°, 100%, 50%
HSV	193°, 100%, 100%
XYZ	38.4734, 48.0668, 101.8578
YIQ	145.8830, -136.5800, -24.7720

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 112, 255
Decimal	51199
CIELab	74.87, -21.80, -38.94
CIELCh	75, 44.624, 240.752
Yxy	48.0668, 0.2042, 0.2551
Android (android.graphics.Color)	4278241279 (0xFF00C7FF)
YUV	145.8830, 53.7947, -127.9394
Hunter-Lab	69.3303, -22.2730, -38.5758

# Details

The Hex color **00C7FF** 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 **FF3800**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **72FFFF**, and **0091C6** is the 20% darker color. If you saturate the color by 10%, you get **00C7FF**, and if you desaturate by 10%, it is **19CDFF**.

# Distribution



- Red (0%)
- Green (78%)
- Blue (100%)



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



- Cyan (100%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)



- Cyan (100%)
- Magenta (22%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00C7FF 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 00C7FF by changing the saturation by 10% instead.



 00C7FF

 00C7FF

FFFFFF

 00ACE2

 72FFFF

 0091C6

 95FFFF

 0077AB

 B6FFFF

 005E90

 D6FFFF

 004776

 F6FFFF

 00305D

 001D45

 00042E

 000119

 00C7FF

 19CDFF

 33D2FF

 4DD8FF

 66DDFF

 80E3FF

 99E9FF

 B3EEFF

 CCF4FF

 E6F9FF

# Harmonies

## Analogous

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



00CDE1



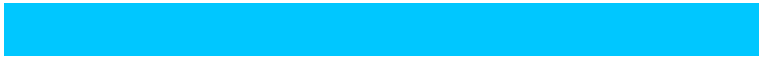
00C7FF



7ABCFF

# Triad

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



00C7FF



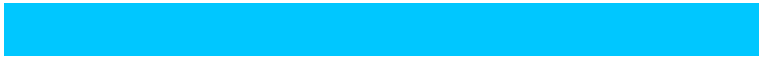
FF97B9



A7C270

# Complementary

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



00C7FF



FF3800

# 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.



D1B665



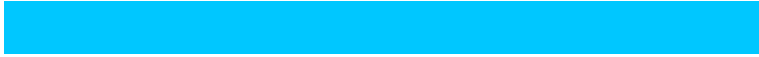
00C7FF



FF9B90

# Square

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



00C7FF



EC9FE1



F3A871



74CA8F

# Rectangle

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



00C7FF



A9B2FF



F3A871

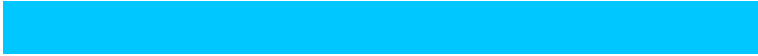


B6BF6A

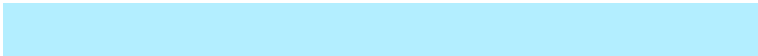


# Sweetspot

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



00C7FF



B3EEFF



00FF37



527580



000000

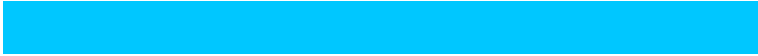


808080



# Same Dimension

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



00C7FF



0048FF



737D80



0095BF



003240

# Inverse Universe

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



FF00C7



FFB700



80737D



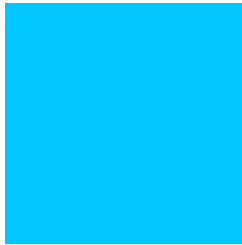
BF0095



400032

# Previews

## White Background



This preview shows how the Hex color 00C7FF 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 00C7FF 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 00C7FF Background



This preview shows how black text looks on a background with the Hex color 00C7FF.

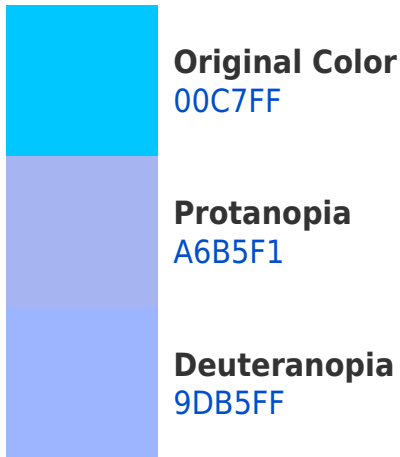


This preview shows how white text looks on a background with the Hex color 00C7FF.

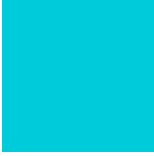
# Color Blindness Simulation

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**  
00CBDB

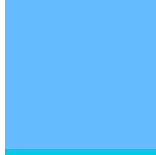
# Trichromacy



**Original Color**  
00C7FF



**Protanomaly**  
6ABCF6



**Deuteranomaly**  
64BCFF



**Tritanomaly**  
00CAE8

# Monochromacy



**Original Color**  
00C7FF



**Achromatopsia**  
929292



**Achromatomaly**  
5DA5BA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00C7FF 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 #00C7FF looks like.

```
.text, #text, p{  
    color:#00C7FF  
}
```

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 #00C7FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00C7FF
}
```

## Border

The CSS property to change the border of an element to Hex 00C7FF 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
#00C7FF }
```

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

```
.border{ border-color:#00C7FF }
```

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

Here you see how a box with a 4 pixel #00C7FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00C7FF; -webkit-box-shadow:4px 4px  
4px 4px #00C7FF; box-shadow:4px 4px 4px  
4px #00C7FF }
```

# Background

The CSS property to change the background color of an element to Hex 00C7FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00C7FF }
```

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

```
.background{ background-color:#00C7FF }
```

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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