

Converting Colors

Hex(00CBF9)

Have a look what the booklet for
Hex(00CBF9) contains.

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Color

Hex(00CBF9)

Conversions

Conversions Part 1

Format	Color
Hex	00CBF9
RGB	0, 203, 249
RGB Percent	0%, 80%, 98%
CMY	1.0000, 0.2039, 0.0235
CMYK	1.00, 0.18, 0.00, 0.02
HSL	191°, 100%, 49%
HSV	191°, 100%, 98%
XYZ	38.4548, 49.5514, 97.1601
YIQ	147.5470, -135.7540, -28.7300

Conversions

Conversions Part 2

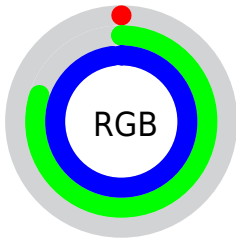
Format	Color
RYB	0, 112, 249
Decimal	52217
CIELab	75.79, -25.85, -34.28
CIELCh	76, 42.940, 232.980
Yxy	49.5514, 0.2077, 0.2676
Android (android.graphics.Color)	4278242297 (0xFF00CBF9)
YUV	147.5470, 50.0163, -129.3987
Hunter-Lab	70.3928, -25.6747, -32.5605

Details

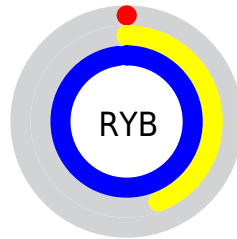
The Hex color **00CBF9** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light saturated cyan. A complement of this color would be **F92E00**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **71FFFF**, and **0095C0** is the 20% darker color. If you saturate the color by 10%, you get **00CBF9**, and if you desaturate by 10%, it is **19D0F9**.

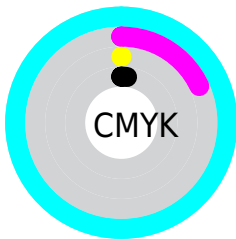
Distribution



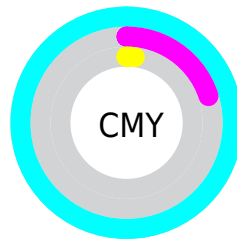
- Red (0%)
- Green (80%)
- Blue (98%)



- Red (0%)
- Yellow (44%)
- Blue (98%)



- Cyan (100%)
- Magenta (18%)
- Yellow (0%)
- Black (2%)



- Cyan (100%)
- Magenta (20%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00CBF9 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 00CBF9 by changing the saturation by 10% instead.

 00CBF9

FFFFFF

 71FFFF

 94FFFF

 B5FFFF

 D5FFFF

 F5FFFF

 00CBF9

 00AFDC

 0095C0

 007BA5

 00628B

 004971

 003258

 002041

 00032A

 000114

 00CBF9

 19D0F9

 32D4F9

 4BD9F9

 64DDF9

 7DE2F9

 95E7F9

 AEEBF9

 C7F0F9

 EOF4F9

Harmonies

Analogous

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



00CFD8



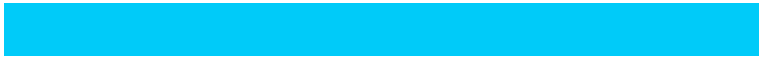
00CBF9



6EC2FF

Triad

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



00CBF9



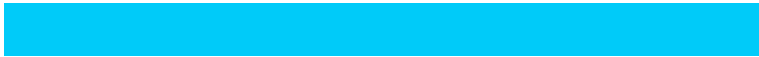
FF9CC6



B6C270

Complementary

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



00CBF9



F92E00

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.



DDB56C



00CBF9



FF9D9E

Square

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



00CBF9



E4A6EB



FAA77D



87CB8A

Rectangle

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



00CBF9



9DB9FF



FAA77D



C3BE6C

Sweetspot

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



00CBF9



B3F1FF



00F92E



527780



000000



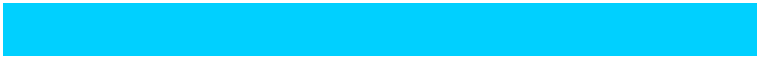
808080

Same Dimension

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



00CBF9



00D0FF



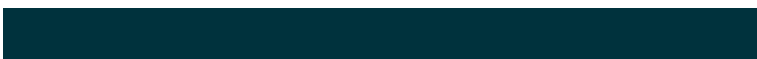
004FF9



707B7D



009ABD



00323D

Inverse Universe

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



F900CB



FF00D0



F9AA00



7D707B



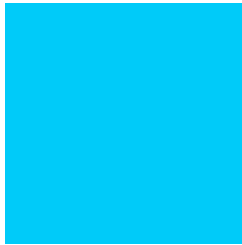
BD009A



3D0032

Previews

White Background



This preview shows how the Hex color 00CBF9 looks on a white background.

Color Contrast Check

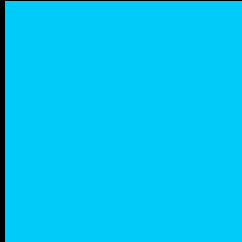
Large Text (above 18pt) WCAG AA × Fail

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 00CBF9 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 00CBF9 Background



This preview shows how black text looks on a background with the Hex color 00CBF9.

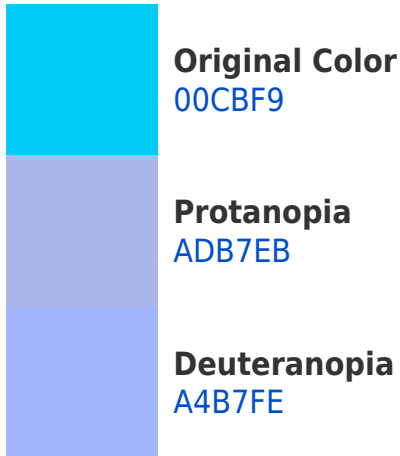


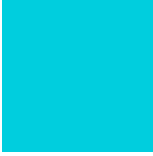
This preview shows how white text looks on a background with the Hex color 00CBF9.

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





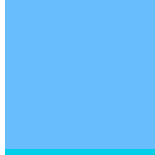
Trichromacy



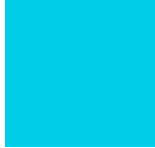
Original Color
00CBF9



Protanomaly
6EBEF0



Deuteranomaly
68BEFC



Tritanomaly
00CDE8

Monochromacy



Original Color
00CBF9



Achromatopsia
949494



Achromatomaly
5EA8B9

CSS Examples

Text

The CSS property to change the color of the text to Hex 00CBF9 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 #00CBF9 looks like.

```
.text, #text, p{  
    color:#00CBF9  
}
```

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 #00CBF9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00CBF9
}
```

Border

The CSS property to change the border of an element to Hex 00CBF9 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
#00CBF9 }
```

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

```
.border{ border-color:#00CBF9 }
```

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

Here you see how a box with a 4 pixel #00CBF9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00CBF9; -webkit-box-shadow:4px 4px  
4px 4px #00CBF9; box-shadow:4px 4px 4px  
4px #00CBF9 }
```

Background

The CSS property to change the background color of an element to Hex 00CBF9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00CBF9 }
```

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

```
.background{ background-color:#00CBF9 }
```

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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