

Converting Colors

Hex(00CEFC)

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

Hex(00CEFC)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	28

Color

Hex(00CEFC)

Conversions

Conversions Part 1

Format	Color
Hex	00CEFC
RGB	0, 206, 252
RGB Percent	0%, 81%, 99%
CMY	1.0000, 0.1922, 0.0118
CMYK	1.00, 0.18, 0.00, 0.01
HSL	191°, 100%, 49%
HSV	191°, 100%, 99%
XYZ	39.6420, 51.1709, 99.8831
YIQ	149.6500, -137.5420, -29.3660

Conversions

Conversions Part 2

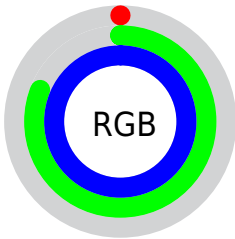
Format	Color
RYB	0, 113, 252
Decimal	52988
CIELab	76.78, -26.35, -34.36
CIELCh	77, 43.302, 232.516
Yxy	51.1709, 0.2079, 0.2683
Android (android.graphics.Color)	4278243068 (0xFF00CEFC)
YUV	149.6500, 50.4585, -131.2431
Hunter-Lab	71.5338, -26.2646, -32.7133

Details

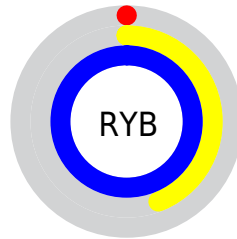
The Hex color **00CEFC** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light saturated cyan. A complement of this color would be **FC2E00**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **72FFFF**, and **0097C3** is the 20% darker color. If you saturate the color by 10%, you get **00CEFC**, and if you desaturate by 10%, it is **19D3FC**.

Distribution



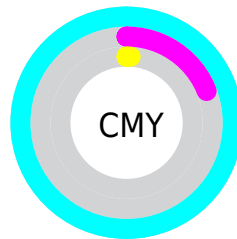
- Red (0%)
- Green (81%)
- Blue (99%)



- Red (0%)
- Yellow (44%)
- Blue (99%)



- Cyan (100%)
- Magenta (18%)
- Yellow (0%)
- Black (1%)



- Cyan (100%)
- Magenta (19%)
- Yellow (1%)

Brightness & Saturation Gradients

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

 00CEFC

FFFFFF

 72FFFF

 95FFFF

 B6FFFF

 D6FFFF

 F6FFFF

 00CEFC

 00B2DF

 0097C3

 007DA8

 00648D

 004C74

 00355B

 002243

 00032D

 000117

 00CEFC

 19D3FC

 32D7FC

 4CDCFC

 65E0FC

 7EE5FC

 97EAFC

 B0EEFC

 CAF3FC

 E3F7FC

Harmonies

Analogous

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



00D2DB



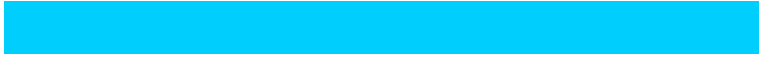
00CEFC



6EC5FF

Triad

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



00CEFC



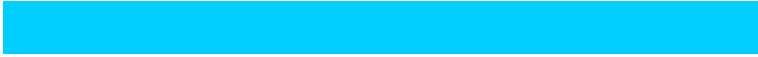
FF9FC9



B9C472

Complementary

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



00CEFC



FC2E00

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.



E0B86E



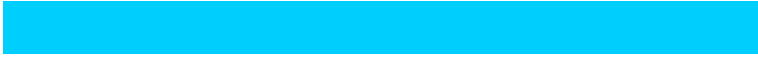
00CEFC



FFA0A1

Square

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



00CEFC



E6A8EF



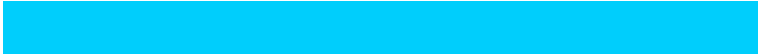
FEAA7F



8ACD8B

Rectangle

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



00CEFC



9EBCFF



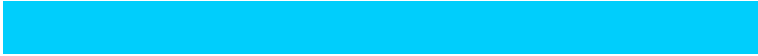
FEAA7F



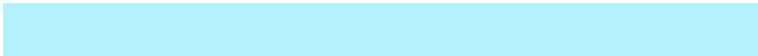
C7C16E

Sweetspot

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



00CEFC



B3F1FF



00FC2A



527780



000000



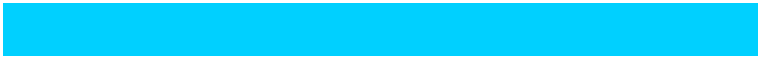
808080

Same Dimension

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



00CEFC



00D0FF



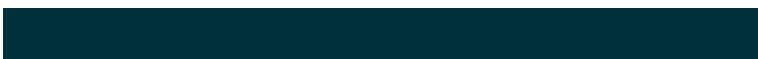
0054FC



707B7D



009ABD



00323D

Inverse Universe

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



FC00CE



FF00D0



FCA800



7D707B



BD009A



3D0032

Previews

White Background



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

Color Contrast Check

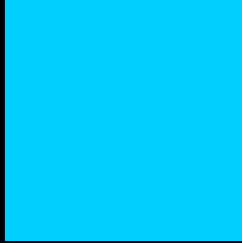
Large Text (above 18pt) WCAG AA × Fail

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 00CEFC 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 00CEFC Background



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

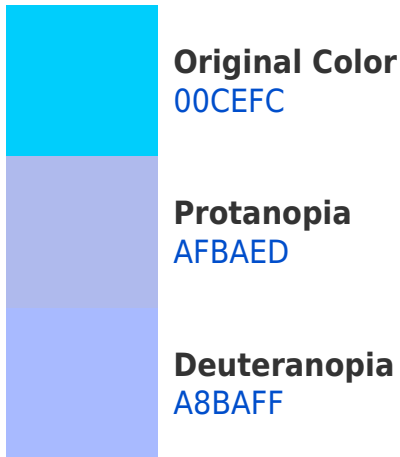


This preview shows how white text looks on a background with the Hex color 00CEFC.

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
00CEFC



Protanomaly
6FC1F2

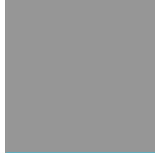


Deuteranomaly
6BC1FE

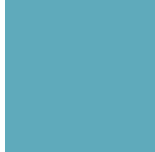
Monochromacy



Original Color
00CEFC



Achromatopsia
969696



Achromatomaly
5FAABB

CSS Examples

Text

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

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

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 #00CEFC colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor