

Converting Colors

Hex(00EFFC)

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

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Color

Hex(00EFFC)

Conversions

Conversions Part 1

Format	Color
Hex	00EFFC
RGB	0, 239, 252
RGB Percent	0%, 94%, 99%
CMY	1.0000, 0.0627, 0.0118
CMYK	1.00, 0.05, 0.00, 0.01
HSL	183°, 100%, 49%
HSV	183°, 100%, 99%
XYZ	48.4372, 68.7613, 102.8148
YIQ	169.0210, -146.6170, -46.6250

Conversions

Conversions Part 2

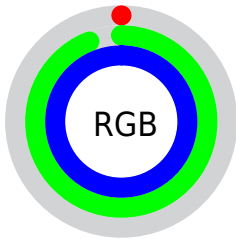
Format	Color
RYB	0, 123, 252
Decimal	61436
CIELab	86.39, -41.94, -19.69
CIELCh	86, 46.331, 205.145
Yxy	68.7613, 0.2202, 0.3125
Android (android.graphics.Color)	4278251516 (0xFF00EFFC)
YUV	169.0210, 40.9086, -148.2314
Hunter-Lab	82.9224, -40.8476, -15.4675

Details

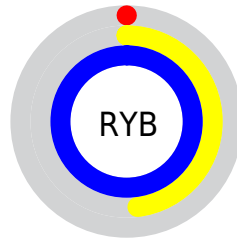
The Hex color **00EFC** is a light color, and the websafe version is hex **33FFF**. The color can be described as light saturated cyan. A complement of this color would be **FC0D00**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **76FFF**, and **00B6C3** is the 20% darker color. If you saturate the color by 10%, you get **00EFC**, and if you desaturate by 10%, it is **19F0FC**.

Distribution



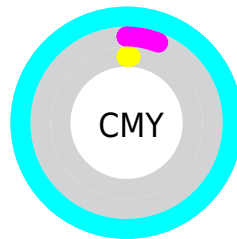
- Red (0%)
- Green (94%)
- Blue (99%)



- Red (0%)
- Yellow (48%)
- Blue (99%)



- Cyan (100%)
- Magenta (5%)
- Yellow (0%)
- Black (1%)



- Cyan (100%)
- Magenta (6%)
- Yellow (1%)

Brightness & Saturation Gradients

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

 00EFFC

 00EFFC

FFFFFF

 00D2DF


 76FFFF

 00B6C3

 9AFFFF

 009BA8

 BBFFFF

 00808E

 DCFFFF

 006774

 FCFFFF

 004E5C

 003644

 00202E

 000119

 00EFC

 19F0FC

 32F2FC

 4CF3FC

 65F4FC

 7EF6FC

 97F7FC

 B0F8FC

 CAF9FC

 E3FBFC

Harmonies

Analogous

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



5FEFCF



00EFFC



32EAFF

Triad

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



00EFFC



FFC0FF



FBD380

Complementary

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



00EFFC



FC0D00

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.



FFC492



00EFFC



FFB6E1

Square

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



00EFFC



D3CFFF



FFB8B5



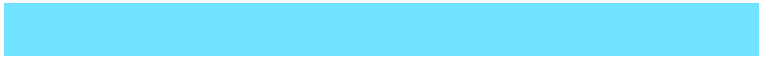
CFE187

Rectangle

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



00EFFC



6FE3FF



FFB8B5



FFCE83

Sweetspot

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



00EFFC



B3FBFF



00FC0D



527D80



000000



808080

Same Dimension

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



00EFFC



00F2FF



0071FC



707C7D



00B3BD



003A3D

Inverse Universe

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



FC00EF



FF00F2



FC8B00



7D707C



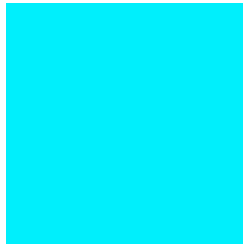
BD00B3



3D003A

Previews

White Background



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

Color Contrast Check

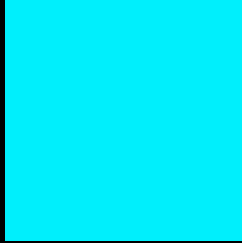
Large Text (above 18pt) WCAG AA × Fail

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 00EFFC 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 00EFFC Background



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

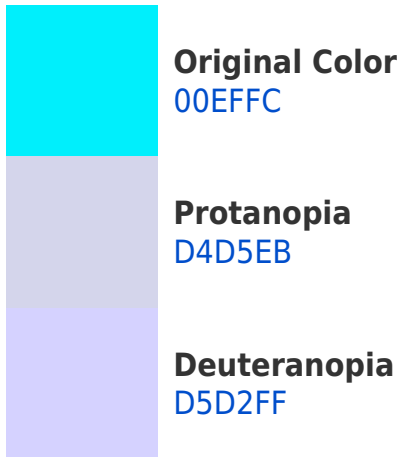


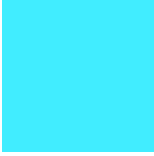
This preview shows how white text looks on a background with the Hex color 00EFFC.

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



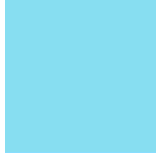


Tritanopia
41EDFF

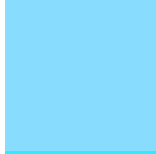
Trichromacy



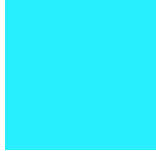
Original Color
00EFFC



Protanomaly
87DEF1

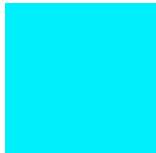


Deuteranomaly
88DDFE

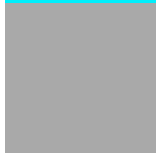


Tritanomaly
29EEFE

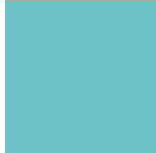
Monochromacy



Original Color
00EFFC



Achromatopsia
A9A9A9



Achromatomaly
6CC2C7

CSS Examples

Text

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

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

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 #00EFFF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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