

Converting Colors

Hex(00E9FB)

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

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Color

Hex(00EFFB)

Conversions

Conversions Part 1

Format	Color
Hex	00E9FB
RGB	0, 239, 251
RGB Percent	0%, 94%, 98%
CMY	1.0000, 0.0627, 0.0157
CMYK	1.00, 0.05, 0.00, 0.02
HSL	183°, 100%, 49%
HSV	183°, 100%, 98%
XYZ	48.2791, 68.6980, 101.9823
YIQ	168.9070, -146.2960, -46.9360

Conversions

Conversions Part 2

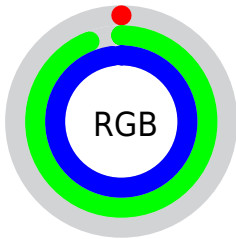
Format	Color
RYB	0, 122, 251
Decimal	61435
CIELab	86.35, -42.24, -19.21
CIELCh	86, 46.403, 204.455
Yxy	68.6980, 0.2205, 0.3137
Android (android.graphics.Color)	4278251515 (0xFF00E9FB)
YUV	168.9070, 40.4718, -148.1314
Hunter-Lab	82.8843, -41.0734, -14.9325

Details

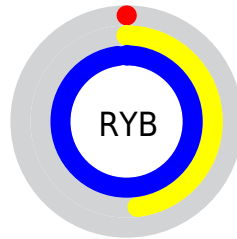
The Hex color **00E9FB** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light saturated cyan. A complement of this color would be **FB0C00**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **76FFFF**, and **00B6C2** is the 20% darker color. If you saturate the color by 10%, you get **00E9FB**, and if you desaturate by 10%, it is **19F0FB**.

Distribution



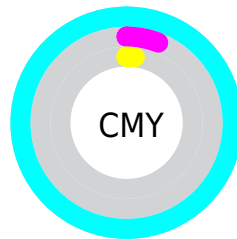
- Red (0%)
- Green (94%)
- Blue (98%)



- Red (0%)
- Yellow (48%)
- Blue (98%)



- Cyan (100%)
- Magenta (5%)
- Yellow (0%)
- Black (2%)



- Cyan (100%)
- Magenta (6%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00E9FB 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 00E9FB by changing the saturation by 10% instead.

 00E9FB

FFFFFF


 76FFFF

 9AFFFF

 BBFFFF

 DCFFFF

 FCFFFF

 00E9FB

 00D2DE

 00B6C2

 009BA7

 00808D

 006773

 004E5B

 003643

 00202D

 000119

 00E9FB

 19F0FB

 32F1FB

 4BF3FB

 64F4FB

 7EF5FB

 97F6FB

 B0F7FB

 C9F9FB

 E2FAFB

Harmonies

Analogous

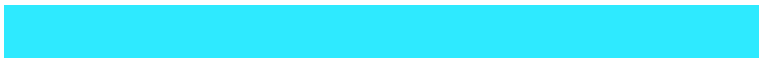
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



60EFCE



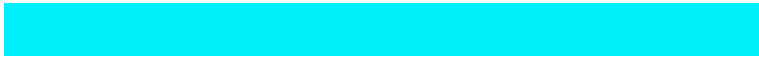
00EFFB



2EEAFF

Triad

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



00E9FB



FF00FF



FFD700

Complementary

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



00E9FB



FB0000

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.



FFC392



00E9FB



FFB6E2

Square

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



00E9FB



D1D0FF



FFB8B6



D0E086

Rectangle

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



00E9FB



6DE3FF



FF8B66



FFC983

Sweetspot

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



00E9FB



B3FBFF



00FB08



527D80



000000



808080

Same Dimension

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



00E9FB



00F3FF



0075FB



707C7D



00B4BD



003A3D

Inverse Universe

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



FB00EF



FF00F3



FB8600



7D707C



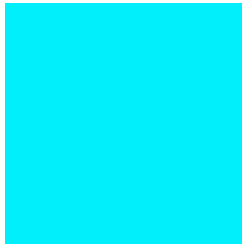
BD00B4



3D003A

Previews

White Background



This preview shows how the Hex color 00E9FB looks on a white background.

Color Contrast Check

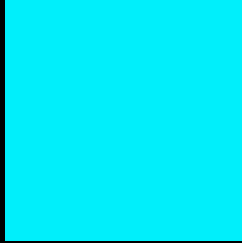
Large Text (above 18pt) WCAG AA × Fail

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 00E9FB 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 00E9FB Background



This preview shows how black text looks on a background with the Hex color 00E9FB.

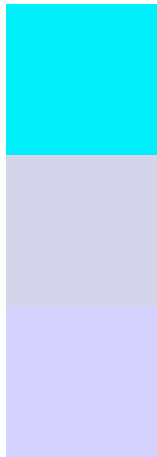


This preview shows how white text looks on a background with the Hex color 00E9FB.

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



Original Color
00E9FB

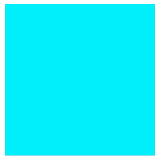
Protanopia
D4D5EA

Deuteranopia
D6D2FF

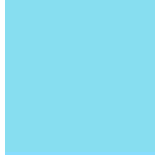


Tritanopia
41EDFF

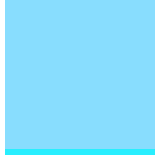
Trichromacy



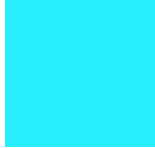
Original Color
00E9FB



Protanomaly
87DEF0



Deuteranomaly
88DDFE

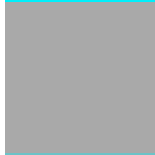


Tritanomaly
29EEFE

Monochromacy



Original Color
00E9FB



Achromatopsia
A9A9A9



Achromatomaly
6CC2C7

CSS Examples

Text

The CSS property to change the color of the text to Hex 00E9FB 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 #00E9FB looks like.

```
.text, #text, p{  
    color:#00E9FB  
}
```

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:#00EFFB }
```

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

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

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

Background

The CSS property to change the background color of an element to Hex 00E9FB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00E9FB }
```

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

```
.background{ background-color:#00E9FB }
```

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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