

Converting Colors

Hex(00E9FC)

Have a look what the booklet for
Hex(00E9FC) contains.

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Color

Hex(00E9FC)

Conversions

Conversions Part 1

Format	Color
Hex	00E9FC
RGB	0, 233, 252
RGB Percent	0%, 91%, 99%
CMY	1.0000, 0.0863, 0.0118
CMYK	1.00, 0.08, 0.00, 0.01
HSL	185°, 100%, 49%
HSV	185°, 100%, 99%
XYZ	46.7096, 65.3061, 102.2389
YIQ	165.4990, -144.9670, -43.4870

Conversions

Conversions Part 2

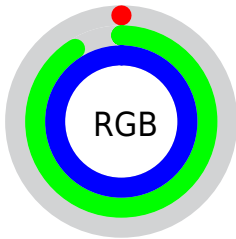
Format	Color
RYB	0, 121, 252
Decimal	59900
CIELab	84.64, -39.23, -22.33
CIELCh	85, 45.136, 209.648
Yxy	65.3061, 0.2180, 0.3048
Android (android.graphics.Color)	4278249980 (0xFF00E9FC)
YUV	165.4990, 42.6450, -145.1426
Hunter-Lab	80.8122, -38.2480, -18.4418

Details

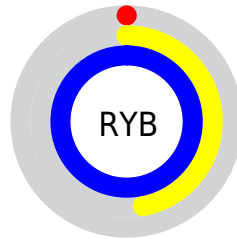
The Hex color **00E9FC** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light saturated cyan. A complement of this color would be **FC1300**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **76FFFF**, and **00B1C3** is the 20% darker color. If you saturate the color by 10%, you get **00E9FC**, and if you desaturate by 10%, it is **19EBFC**.

Distribution



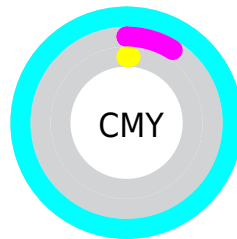
- Red (0%)
- Green (91%)
- Blue (99%)



- Red (0%)
- Yellow (47%)
- Blue (99%)



- Cyan (100%)
- Magenta (8%)
- Yellow (0%)
- Black (1%)



- Cyan (100%)
- Magenta (9%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00E9FC 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 00E9FC by changing the saturation by 10% instead.

 00E9FC

 00E9FC

FFFFFF

 00CDDF

 76FFFF

 00B1C3

 99FFFF

 0096A8

 BAffff

 007B8E

 DBFFFF

 006274

 FBFFFF

 00495B

 003244

 001B2E

 000119

 00E9FC

 19EBFC

 32EDFC

 4CEFFC

 65F1FC

 7EF2FC

 97F4FC

 B0F6FC

 CAF8FC

 E3FAFC

Harmonies

Analogous

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



55EAD1



00E9FC



43E3FF

Triad

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



00E9FC



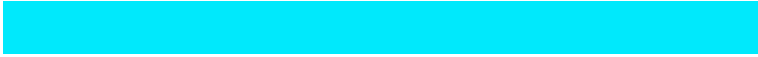
FFBAFF



F0D17D

Complementary

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



00E9FC



FC1300

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.



FFC28B



00E9FC



FFB2D5

Square

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



00E9FC



D7C8FF



FFB5AB



C3DD88

Rectangle

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



00E9FC



7ADCFF



FFB5AB



FCCC7F

Sweetspot

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



00E9FC



B3F9FF



00FC11



527C80



000000



808080

Same Dimension

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



00E9FC



00ECFF



006DFC



707C7D



00AEBD



00393D

Inverse Universe

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



FC00E9



FF00EC



FC8F00



7D707C



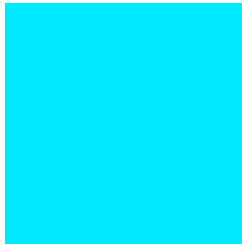
BD00AE



3D0039

Previews

White Background



This preview shows how the Hex color 00E9FC looks on a white background.

Color Contrast Check

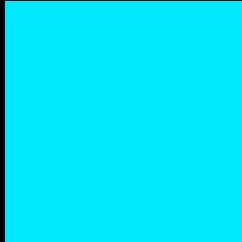
Large Text (above 18pt) WCAG AA × Fail

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 00E9FC 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 00E9FC Background



This preview shows how black text looks on a background with the Hex color 00E9FC.

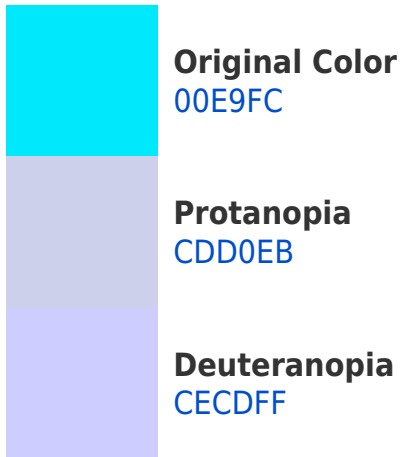


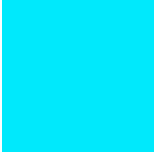
This preview shows how white text looks on a background with the Hex color 00E9FC.

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](#).

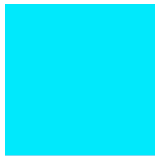
Dichromacy



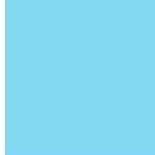


Tritanopia
00E9FC

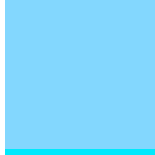
Trichromacy



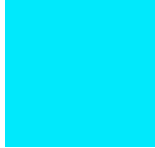
Original Color
00E9FC



Protanomaly
82D9F1



Deuteranomaly
83D7FE

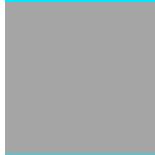


Tritanomaly
00E9FC

Monochromacy



Original Color
00E9FC



Achromatopsia
A5A5A5



Achromatomaly
69BEC5

CSS Examples

Text

The CSS property to change the color of the text to Hex 00E9FC 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 #00E9FC looks like.

```
.text, #text, p{  
    color:#00E9FC  
}
```

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 #00E9FC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00E9FC
}
```

Border

The CSS property to change the border of an element to Hex 00E9FC 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
#00E9FC }
```

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

```
.border{ border-color:#00E9FC }
```

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

Here you see how a box with a 4 pixel #00E9FC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00E9FC; -webkit-box-shadow:4px 4px  
4px 4px #00E9FC; box-shadow:4px 4px 4px  
4px #00E9FC }
```

Background

The CSS property to change the background color of an element to Hex 00E9FC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00E9FC }
```

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

```
.background{ background-color:#00E9FC }
```

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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