

Converting Colors

Hex(00E7F6)

Have a look what the booklet for
Hex(00E7F6) contains.

Hex(00E7F6)	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>	29

Color

Hex(00E7F6)

Conversions

Conversions Part 1

Format	Color
Hex	00E7F6
RGB	0, 231, 246
RGB Percent	0%, 91%, 96%
CMY	1.0000, 0.0941, 0.0353
CMYK	1.00, 0.06, 0.00, 0.04
HSL	184°, 100%, 48%
HSV	184°, 100%, 96%
XYZ	45.2105, 63.8056, 97.1217
YIQ	163.6410, -142.4910, -44.3070

Conversions

Conversions Part 2

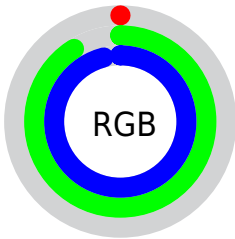
Format	Color
RYB	0, 119, 246
Decimal	59382
CIELab	83.86, -40.15, -20.34
CIELCh	84, 45.006, 206.872
Yxy	63.8056, 0.2193, 0.3095
Android (android.graphics.Color)	4278249462 (0xFF00E7F6)
YUV	163.6410, 40.6030, -143.5132
Hunter-Lab	79.8784, -38.7579, -16.1739

Details

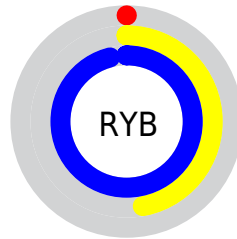
The Hex color **00E7F6** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light saturated cyan. A complement of this color would be **F60F00**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **74FFFF**, and **00AFBE** is the 20% darker color. If you saturate the color by 10%, you get **00E7F6**, and if you desaturate by 10%, it is **19E9F6**.

Distribution



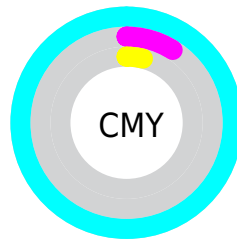
- Red (0%)
- Green (91%)
- Blue (96%)



- Red (0%)
- Yellow (47%)
- Blue (96%)



- Cyan (100%)
- Magenta (6%)
- Yellow (0%)
- Black (4%)




- Cyan (100%)
- Magenta (9%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00E7F6 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 00E7F6 by changing the saturation by 10% instead.

 00E7F6

 00E7F6

FFFFFF

 00CBDA

 74FFFF

 00AFBE

 97FFFF

 0094A3

 B9FFFF

 007988

 D9FFFF

 00606F

 F9FFFF

 004757

 00303F

 001829

 000114

 00E7F6

 19E9F6

 31EAF6

 4AECF6

 62EDF6

 7BEFF6

 94F0F6

 ACF2F6

 C5F3F6

 DDF5F6

Harmonies

Analogous

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



59E7CB



00E7F6



38E1FF

Triad

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



00E7F6



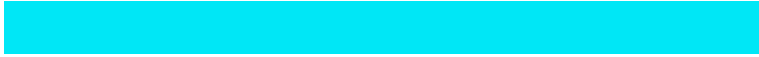
FFB9FF



F1CD7C

Complementary

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



00E7F6



F60F00

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.



FFBE8B



00E7F6



FFB0D7

Square

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



00E7F6



CFC8FF



FFB3AD



C6DA84

Rectangle

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



00E7F6



71DBFF



FFB3AD



FDC87E

Sweetspot

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



00E7F6



B3FAFF



00F60C



527D80



000000



808080

Same Dimension

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



00E7F6



00EFFF



006FF6



6E7A7A



00AFBA



00373B

Inverse Universe

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



F600E7



FF00EF



F68700



7A6E7A



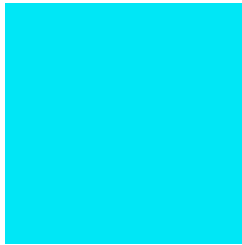
BA00AF



3B0037

Previews

White Background



This preview shows how the Hex color 00E7F6 looks on a white background.

Color Contrast Check

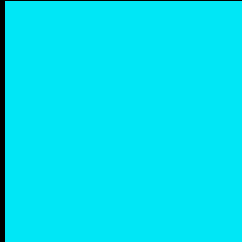
Large Text (above 18pt) WCAG AA × Fail

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 00E7F6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

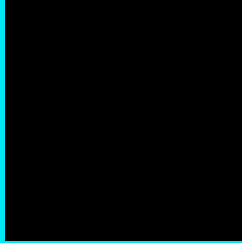
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

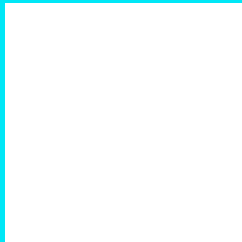
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 00E7F6 Background



This preview shows how black text looks on a background with the Hex color 00E7F6.

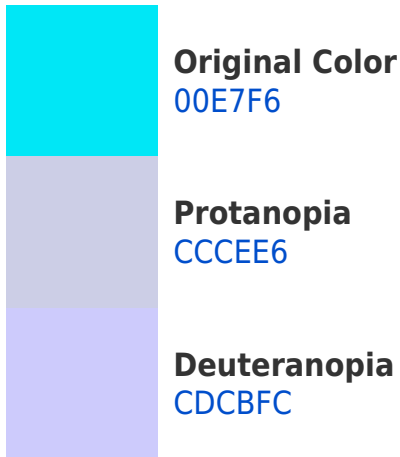


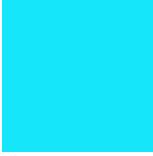
This preview shows how white text looks on a background with the Hex color 00E7F6.

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](#).

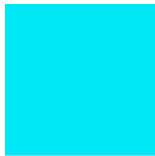
Dichromacy



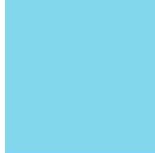


Tritanopia
15E6F9

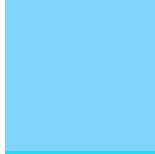
Trichromacy



Original Color
00E7F6



Protanomaly
82D7EC



Deuteranomaly
82D5FA

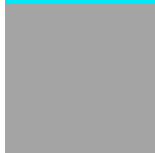


Tritanomaly
0DE6F8

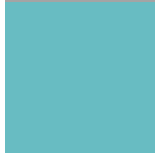
Monochromacy



Original Color
00E7F6



Achromatopsia
A4A4A4



Achromatomaly
68BCC2

CSS Examples

Text

The CSS property to change the color of the text to Hex 00E7F6 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 #00E7F6 looks like.

```
.text, #text, p{  
    color:#00E7F6  
}
```

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 #00E7F6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00E7F6
}
```

Border

The CSS property to change the border of an element to Hex 00E7F6 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
#00E7F6 }
```

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

```
.border{ border-color:#00E7F6 }
```

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

Here you see how a box with a 4 pixel #00E7F6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00E7F6; -webkit-box-shadow:4px 4px  
4px 4px #00E7F6; box-shadow:4px 4px 4px  
4px #00E7F6 }
```

Background

The CSS property to change the background color of an element to Hex 00E7F6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00E7F6 }
```

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

```
.background{ background-color:#00E7F6 }
```

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