

Converting Colors

Hex(00E7F8)

Have a look what the booklet for
Hex(00E7F8) contains.

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Color

Hex(00E7F8)

Conversions

Conversions Part 1

Format	Color
Hex	00E7F8
RGB	0, 231, 248
RGB Percent	0%, 91%, 97%
CMY	1.0000, 0.0941, 0.0275
CMYK	1.00, 0.07, 0.00, 0.03
HSL	184°, 100%, 49%
HSV	184°, 100%, 97%
XYZ	45.5192, 63.9291, 98.7474
YIQ	163.8690, -143.1330, -43.6850

Conversions

Conversions Part 2

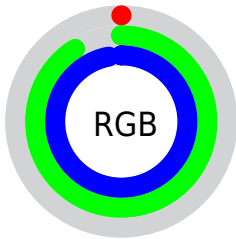
Format	Color
RYB	0, 120, 248
Decimal	59384
CIELab	83.93, -39.54, -21.30
CIELCh	84, 44.909, 208.313
Yxy	63.9291, 0.2186, 0.3071
Android (android.graphics.Color)	4278249464 (0xFF00E7F8)
YUV	163.8690, 41.4766, -143.7131
Hunter-Lab	79.9557, -38.3015, -17.2557

Details

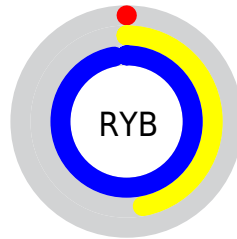
The Hex color **00E7F8** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light saturated cyan. A complement of this color would be **F81100**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **75FFFF**, and **00AFC0** is the 20% darker color. If you saturate the color by 10%, you get **00E7F8**, and if you desaturate by 10%, it is **19E9F8**.

Distribution



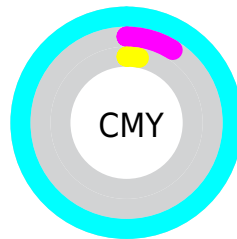
- Red (0%)
- Green (91%)
- Blue (97%)



- Red (0%)
- Yellow (47%)
- Blue (97%)



- Cyan (100%)
- Magenta (7%)
- Yellow (0%)
- Black (3%)



- Cyan (100%)
- Magenta (9%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00E7F8 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 00E7F8 by changing the saturation by 10% instead.

 00E7F8

 00E7F8

FFFFFF

 00CBDB

 75FFFF

 00AFC0

 98FFFF

 0094A4

 B9FFFF

 00798A

 D9FFFF

 006071

 FAFFFF

 004758

 003041

 00182B

 000116

 00E7F8

 19E9F8

 32EAF8

 4AECF8

 63EEF8

 7CF0F8

 95F1F8

 AEF3F8

 C6F5F8

 DFF6F8

Harmonies

Analogous

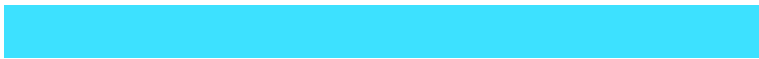
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



56E8CD



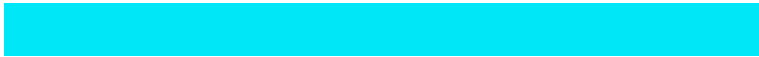
00E7F8



3DE1FF

Triad

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



00E7F8



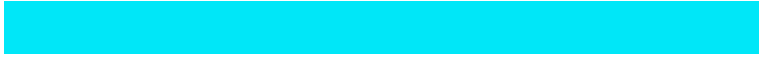
FFB8FE



EFCE7C

Complementary

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



00E7F8



F81100

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.



FFBF8A



00E7F8



FFB0D5

Square

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



00E7F8



D3C7FF



FFB3AB



C4DB85

Rectangle

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



00E7F8



75DAFF



FFB3AB



FCC97E

Sweetspot

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



00E7F8



B3FAFF



00F811



527C80



000000



808080

Same Dimension

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



00E7F8



00EEFF



006BF8



707C7D



00B0BD



00393D

Inverse Universe

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



F800E7



FF00EE



F88D00



7D707C



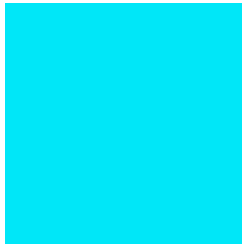
BD00B0



3D0039

Previews

White Background



This preview shows how the Hex color 00E7F8 looks on a white background.

Color Contrast Check

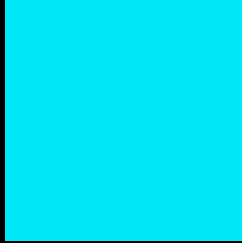
Large Text (above 18pt) WCAG AA × Fail

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 00E7F8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

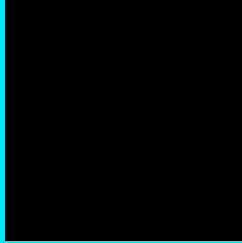
Any Text WCAG AA ✓ Pass

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 00E7F8 Background



This preview shows how black text looks on a background with the Hex color 00E7F8.

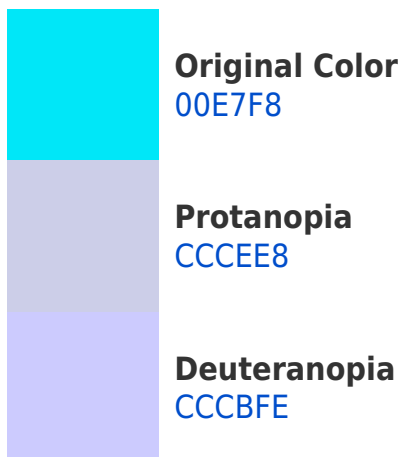


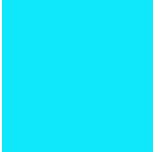
This preview shows how white text looks on a background with the Hex color 00E7F8.

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](#).

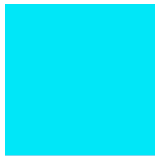
Dichromacy



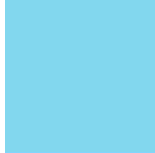


Tritanopia
0FE7FA

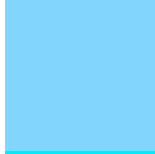
Trichromacy



Original Color
00E7F8



Protanomaly
82D7EE



Deuteranomaly
82D5FC

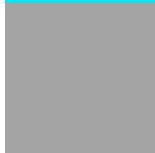


Tritanomaly
0AE7F9

Monochromacy



Original Color
00E7F8



Achromatopsia
A4A4A4



Achromatomaly
68BCC3

CSS Examples

Text

The CSS property to change the color of the text to Hex 00E7F8 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 #00E7F8 looks like.

```
.text, #text, p{  
    color:#00E7F8  
}
```

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 #00E7F8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00E7F8
}
```

Border

The CSS property to change the border of an element to Hex 00E7F8 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
#00E7F8 }
```

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

```
.border{ border-color:#00E7F8 }
```

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

Here you see how a box with a 4 pixel #00E7F8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00E7F8; -webkit-box-shadow:4px 4px  
4px 4px #00E7F8; box-shadow:4px 4px 4px  
4px #00E7F8 }
```

Background

The CSS property to change the background color of an element to Hex 00E7F8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00E7F8 }
```

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

```
.background{ background-color:#00E7F8 }
```

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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