

Converting Colors

Hex(07E4FF)

Have a look what the booklet for
Hex(07E4FF) contains.

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Color

Hex(07E4FF)

Conversions

Conversions Part 1

Format	Color
Hex	07E4FF
RGB	7, 228, 255
RGB Percent	3%, 89%, 100%
CMY	0.9725, 0.1059, 0.0000
CMYK	0.97, 0.11, 0.00, 0.00
HSL	187°, 100%, 51%
HSV	187°, 97%, 100%
XYZ	45.8810, 62.7520, 104.3019
YIQ	164.9990, -140.3830, -38.4550

Conversions

Conversions Part 2

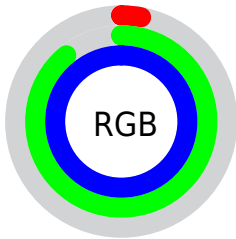
Format	Color
RYB	7, 124, 255
Decimal	517375
CIELab	83.31, -35.84, -25.93
CIELCh	83, 44.238, 215.881
Yxy	62.7520, 0.2155, 0.2947
Android (android.graphics.Color)	4278707455 (0xFF07E4FF)
YUV	164.9990, 44.3705, -138.5651
Hunter-Lab	79.2161, -35.2432, -22.6143

Details

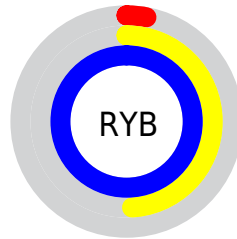
The Hex color **07E4FF** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light saturated cyan. A complement of this color would be **FF2207**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **76FFFF**, and **00ACC6** is the 20% darker color. If you saturate the color by 10%, you get **00E3FF**, and if you desaturate by 10%, it is **21E7FF**.

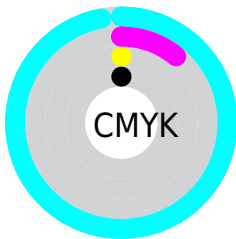
Distribution



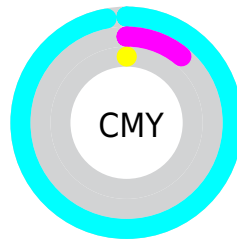
- Red (3%)
- Green (89%)
- Blue (100%)



- Red (3%)
- Yellow (49%)
- Blue (100%)



- Cyan (97%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)





- Cyan (97%)
- Magenta (11%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 07E4FF 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 07E4FF by changing the saturation by 10% instead.

 07E4FF

 07E4FF

FFFFFF

 00C8E2

 76FFFF

 00ACC6

 99FFFF

 0091AB

 BBFFFF

 007790

 DBFFFF

 005E77

 FBFFFF


 00455E

 002E46

 001630

 00011B

 07E4FF

 07E4FF

 00E3FF

 21E7FF

 3AEAFF

 54ECFF

 6DEFFF

 87F2FF

 A0F5FF

 BAF7FF

 D3FAFF

 EDFDFF

Harmonies

Analogous

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



47E6D7



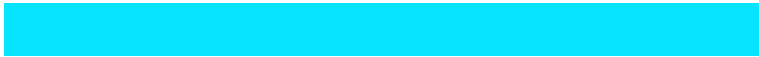
07E4FF



55DDFF

Triad

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



07E4FF



FFB4F2



E3D07C

Complementary

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



07E4FF



FF2207

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.



FFC184



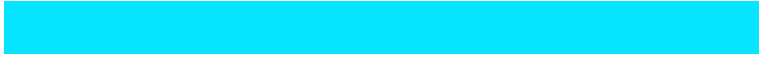
07E4FF



FFAFC9

Square

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



07E4FF



DFC2FF



FFB4A1



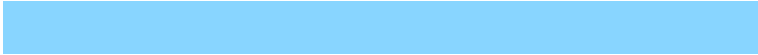
B6DB8B

Rectangle

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



07E4FF



88D5FF



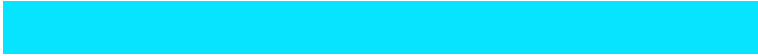
FFB4A1



F0CB7C

Sweetspot

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



07E4FF



B5F7FF



07FF20



537B80



000000



808080

Same Dimension

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



07E4FF



00E3FF



076AFF



737E80



00AABF



003940

Inverse Universe

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



FF07E4



FF00E3



FF9C07



80737E



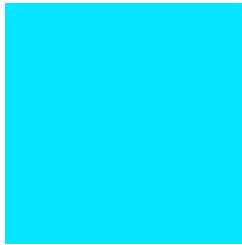
BF00AA



400039

Previews

White Background



This preview shows how the Hex color 07E4FF looks on a white background.

Color Contrast Check

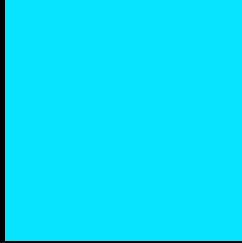
Large Text (above 18pt) WCAG AA × Fail

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 07E4FF 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 07E4FF Background



This preview shows how black text looks on a background with the Hex color 07E4FF.

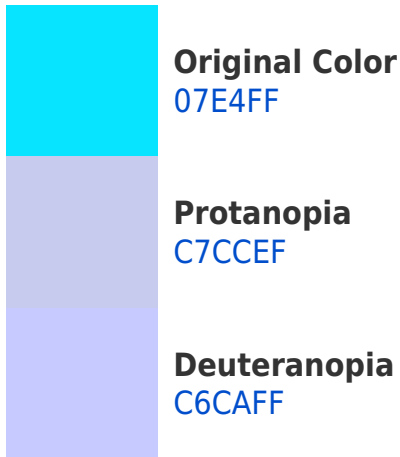


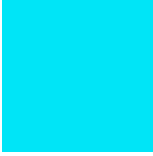
This preview shows how white text looks on a background with the Hex color 07E4FF.

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



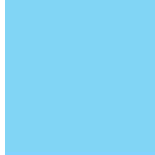


Tritanopia
00E5F7

Trichromacy



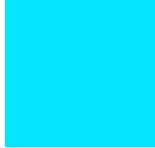
Original Color
07E4FF



Protanomaly
81D5F5



Deuteranomaly
81D3FF



Tritanomaly
03E5FA

Monochromacy



Original Color
07E4FF



Achromatopsia
A5A5A5



Achromatomaly
6CBCC6

CSS Examples

Text

The CSS property to change the color of the text to Hex 07E4FF 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 #07E4FF looks like.

```
.text, #text, p{  
    color:#07E4FF  
}
```

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 #07E4FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #07E4FF
}
```

Border

The CSS property to change the border of an element to Hex 07E4FF 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
#07E4FF }
```

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

```
.border{ border-color:#07E4FF }
```

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

Here you see how a box with a 4 pixel #07E4FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #07E4FF; -webkit-box-shadow:4px 4px  
4px 4px #07E4FF; box-shadow:4px 4px 4px  
4px #07E4FF }
```

Background

The CSS property to change the background color of an element to Hex 07E4FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#07E4FF }
```

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

```
.background{ background-color:#07E4FF }
```

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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