

Converting Colors

Hex(04E6FB)

Have a look what the booklet for
Hex(04E6FB) contains.

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Color

Hex(04E6FB)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------------|
| Hex | 04E6FB |
| RGB | 4, 230, 251 |
| RGB Percent | 2%, 90%, 98% |
| CMY | 0.9843, 0.0980, 0.0157 |
| CMYK | 0.98, 0.08, 0.00, 0.02 |
| HSL | 185°, 97%, 50% |
| HSV | 185°, 98%, 98% |
| XYZ | 45.7595, 63.5845, 101.1280 |
| YIQ | 164.8200, -141.4370, -41.3810 |

Conversions

Conversions Part 2

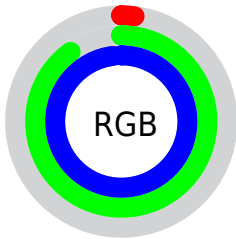
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 4, 122, 251 |
| Decimal | 321275 |
| CIELab | 83.75, -38.07, -23.15 |
| CIELCh | 84, 44.562, 211.304 |
| Yxy | 63.5845, 0.2174, 0.3021 |
| Android (android.graphics.Color) | 4278511355 (0xFF04E6FB) |
| YUV | 164.8200, 42.4867, -141.0391 |
| Hunter-Lab | 79.7399, -37.1109, -19.3751 |

Details

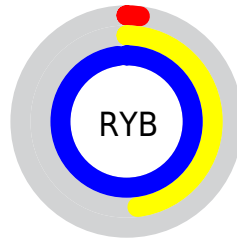
The Hex color **04E6FB** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light saturated cyan. A complement of this color would be **FB1904**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **76FFFF**, and **00AEC2** is the 20% darker color. If you saturate the color by 10%, you get **00E6FB**, and if you desaturate by 10%, it is **1DE8FB**.

Distribution



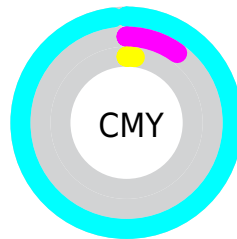
- Red (2%)
- Green (90%)
- Blue (98%)



- Red (2%)
- Yellow (48%)
- Blue (98%)



- Cyan (98%)
- Magenta (8%)
- Yellow (0%)
- Black (2%)



- Cyan (98%)
- Magenta (10%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 04E6FB 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 04E6FB by changing the saturation by 10% instead.

 04E6FB

FFFFFF


 76FFFF

 99FFFF

 BAFFFF


 DAFFFF

 FBFFFF

 04E6FB

 00CADE

 00AEC2

 0093A7

 00798D

 005F73

 00475B

 002F43

 00172D

 000118

 04E6FB

 04E6FB

 00E6FB

 1DE8FB

 36EAFB

 4FECFB

 68EFFB

 82F1FB

 9BF3FB

 B4F5FB

 CDF7FB

 E6F9FB

Harmonies

Analogous

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



51E7D1



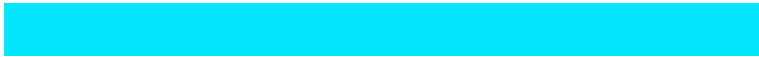
04E6FB



48E0FF

Triad

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



04E6FB



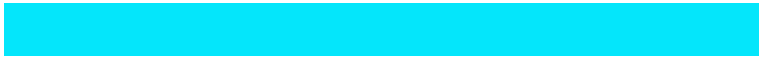
FFB7FA



EBCF7C

Complementary

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



04E6FB



FB1904

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.



FFC088



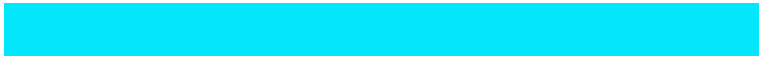
04E6FB



FFB0D1

Square

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



04E6FB



D8C5FF



FFB4A7



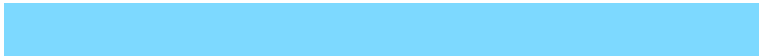
BFDB87

Rectangle

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



04E6FB



7DD9FF



FFB4A7



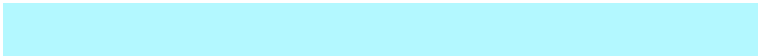
F7CA7D

Sweetspot

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



04E6FB



B3F8FF



04FB19



527C80



000000



808080

Same Dimension

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



04E6FB



00E9FF



046BFB



707C7D



00ADB8



00383D

Inverse Universe

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



FB04E6



FF00E9



FB9404



7D707C



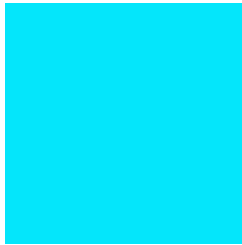
BD00AD



3D0038

Previews

White Background



This preview shows how the Hex color 04E6FB looks on a white background.

Color Contrast Check

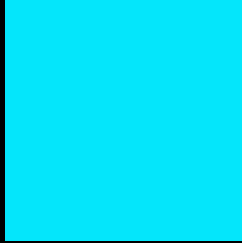
Large Text (above 18pt) WCAG AA × Fail

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 04E6FB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

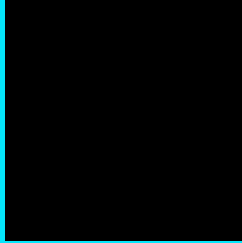
Any Text WCAG AA ✓ Pass

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 04E6FB Background



This preview shows how black text looks on a background with the Hex color 04E6FB.

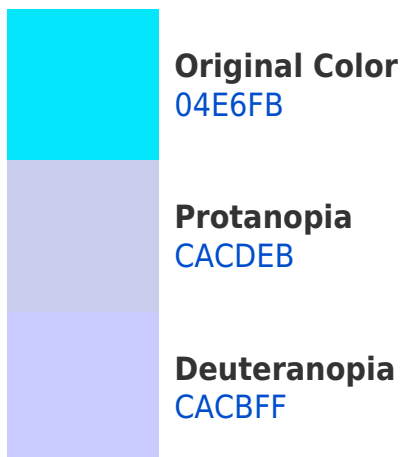


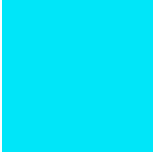
This preview shows how white text looks on a background with the Hex color 04E6FB.

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



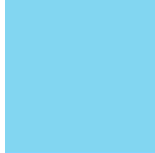


Tritanopia
00E6F9

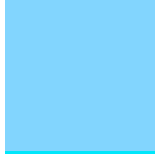
Trichromacy



Original Color
04E6FB



Protanomaly
82D6F1



Deuteranomaly
82D5FE

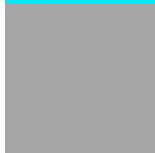


Tritanomaly
01E6FA

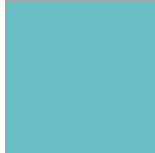
Monochromacy



Original Color
04E6FB



Achromatopsia
A5A5A5



Achromatomaly
6ABDC4

CSS Examples

Text

The CSS property to change the color of the text to Hex 04E6FB 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 #04E6FB looks like.

```
.text, #text, p{  
    color:#04E6FB  
}
```

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 #04E6FB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #04E6FB
}
```

Border

The CSS property to change the border of an element to Hex 04E6FB 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
#04E6FB }
```

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

```
.border{ border-color:#04E6FB }
```

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

Here you see how a box with a 4 pixel #04E6FB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #04E6FB; -webkit-box-shadow:4px 4px  
4px 4px #04E6FB; box-shadow:4px 4px 4px  
4px #04E6FB }
```

Background

The CSS property to change the background color of an element to Hex 04E6FB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#04E6FB }
```

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

```
.background{ background-color:#04E6FB }
```

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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