

Converting Colors

Hex(06F4FF)

Have a look what the booklet for
Hex(06F4FF) contains.

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Color

Hex(06F4FF)

Conversions

Conversions Part 1

Format	Color
Hex	06F4FF
RGB	6, 244, 255
RGB Percent	2%, 96%, 100%
CMY	0.9765, 0.0431, 0.0000
CMYK	0.98, 0.04, 0.00, 0.00
HSL	183°, 100%, 51%
HSV	183°, 98%, 100%
XYZ	50.4758, 71.9601, 105.8371
YIQ	174.0920, -145.3790, -47.0350

Conversions

Conversions Part 2

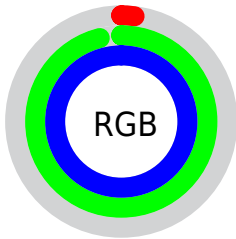
Format	Color
RYB	6, 128, 255
Decimal	455935
CIELab	87.95, -43.15, -18.89
CIELCh	88, 47.109, 203.645
Yxy	71.9601, 0.2211, 0.3152
Android (android.graphics.Color)	4278646015 (0xFF06F4FF)
YUV	174.0920, 39.8876, -147.4167
Hunter-Lab	84.8293, -42.2388, -14.5925

Details

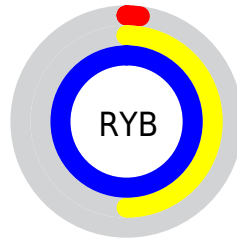
The Hex color **06F4FF** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light saturated cyan. A complement of this color would be **FF1106**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **78FFFF**, and **00BBC6** is the 20% darker color. If you saturate the color by 10%, you get **00F4FF**, and if you desaturate by 10%, it is **20F5FF**.

Distribution



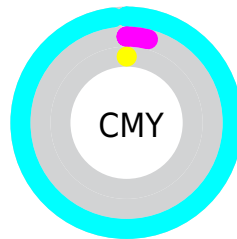
- Red (2%)
- Green (96%)
- Blue (100%)



- Red (2%)
- Yellow (50%)
- Blue (100%)



- Cyan (98%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)




- Cyan (98%)
- Magenta (4%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 06F4FF 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 06F4FF by changing the saturation by 10% instead.

 06F4FF

 06F4FF

FFFFFF

 00D7E2

 78FFFF

 00BBC6

 9CFFFF

 00A0AB

 BDFFFF

 008591

 DEFFFF

 006B77

 00525E

 003947

 002430

 00011C

 06F4FF

 06F4FF

 00F4FF

 20F5FF

 39F6FF

 53F7FF

 6CF9FF

 86FAFF

 9FFBFF

 B9FCFF

 D2FDFF

 ECFEFF

Harmonies

Analogous

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



64F4D1



06F4FF



2DEFFF

Triad

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



06F4FF



FFC4FF



FFD783

Complementary

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



06F4FF



FF1106

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.



FFC796



06F4FF



FFBAE8

Square

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



06F4FF



D4D4FF



FFBCBB



D6E589

Rectangle

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



06F4FF



6DE8FF



FFBCBB



FFD187

Sweetspot

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



06F4FF



B5FCFF



06FF0E



537E80



000000



808080

Same Dimension

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



06F4FF



00F4FF



067AFF



737F80



00B7BF



003D40

Inverse Universe

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



FF06F4



FF00F4



FF8B06



80737F



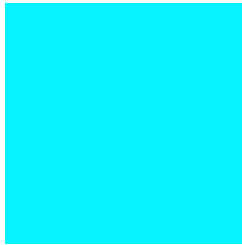
BF00B7



40003D

Previews

White Background



This preview shows how the Hex color 06F4FF looks on a white background.

Color Contrast Check

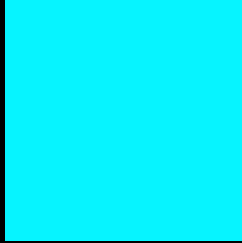
Large Text (above 18pt) WCAG AA × Fail

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 06F4FF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

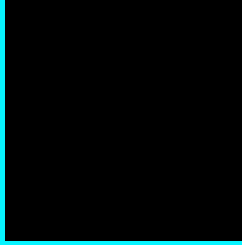
Any Text WCAG AA ✓ Pass

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 06F4FF Background



This preview shows how black text looks on a background with the Hex color 06F4FF.

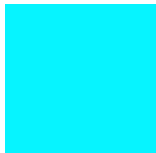


This preview shows how white text looks on a background with the Hex color 06F4FF.

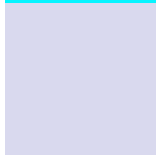
Color Blindness Simulation

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



Original Color
06F4FF



Protanopia
D9D9EE



Deuteranopia
DBD7FF

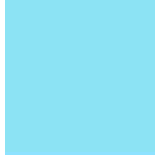


Tritanopia
69EEFF

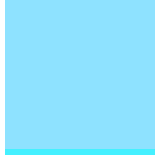
Trichromacy



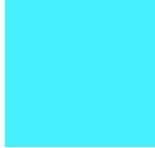
Original Color
06F4FF



Protanomaly
8CE3F4



Deuteranomaly
8EE2FF

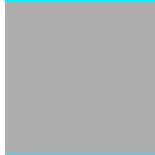


Tritanomaly
45F0FF

Monochromacy



Original Color
06F4FF



Achromatopsia
AEAEAE



Achromatomaly
71C7CB

CSS Examples

Text

The CSS property to change the color of the text to Hex 06F4FF 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 #06F4FF looks like.

```
.text, #text, p{  
    color:#06F4FF  
}
```

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 #06F4FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #06F4FF
}
```

Border

The CSS property to change the border of an element to Hex 06F4FF 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
#06F4FF }
```

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

```
.border{ border-color:#06F4FF }
```

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

Here you see how a box with a 4 pixel #06F4FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #06F4FF; -webkit-box-shadow:4px 4px  
4px 4px #06F4FF; box-shadow:4px 4px 4px  
4px #06F4FF }
```

Background

The CSS property to change the background color of an element to Hex 06F4FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#06F4FF }
```

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

```
.background{ background-color:#06F4FF }
```

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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