

# Converting Colors

Hex(0003F0)

Have a look what the booklet for  
Hex(0003F0) contains.

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# Color

**Hex(0003F0)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0003F0
RGB	0, 3, 240
RGB Percent	0%, 1%, 94%
CMY	1.0000, 0.9882, 0.0588
CMYK	1.00, 0.99, 0.00, 0.06
HSL	239°, 100%, 47%
HSV	239°, 100%, 94%
XYZ	15.7607, 6.3564, 82.8343
YIQ	29.1210, -77.8650, 73.0710

# Conversions

## Conversions Part 2

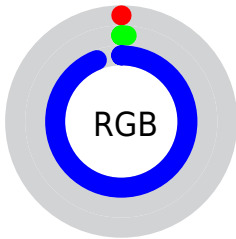
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 3, 240
Decimal	1008
CIELab	30.29, 75.15, -102.76
CIELCh	30, 127.306, 306.179
Yxy	6.3564, 0.1502, 0.0606
Android (android.graphics.Color)	4278191088 (0xFF0003F0)
YUV	29.1210, 103.9633, -25.5391
Hunter-Lab	25.2119, 67.4651, -177.1504

# Details

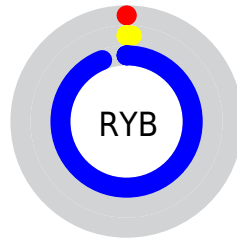
The Hex color **0003F0** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark saturated blue. A complement of this color would be **F0ED00**, and the grayscale version is **1C1C1C**.

A 20% lighter version of the original color is **7546FF**, and **0000B6** is the 20% darker color. If you saturate the color by 10%, you get **0003F0**, and if you desaturate by 10%, it is **181BF0**.

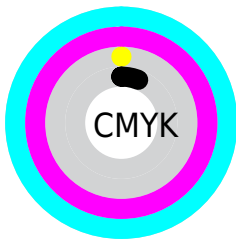
# Distribution



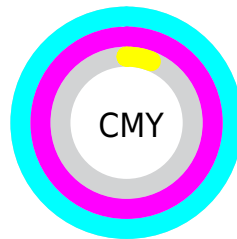
- Red (0%)
- Green (1%)
- Blue (94%)



- Red (0%)
- Yellow (1%)
- Blue (94%)



- Cyan (100%)
- Magenta (99%)
- Yellow (0%)
- Black (6%)



- Cyan (100%)
- Magenta (99%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0003F0 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 0003F0 by changing the saturation by 10% instead.



 0003F0

 0003F0

FFFFFF

 0000D3

 7546FF

 0000B6

 9861FF

 00009A

 BA7DFF

 00017F

 DB98FF

 001064

 FBB4FF

 00094B

 FFD1FF

 000434

 FFEEFF

 00021E

 000000

 0003F0

 181BF0

 3032F0

 484AF0

 6062F0

 787AF0

 9091F0

 A8A9F0

 C0C1F0

 D8D8F0

# Harmonies

## Analogous

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



0058FF



0003F0



C0009B

# Triad

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



0003F0



930900



00625B

# Complementary

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



0003F0



FOED00

# 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.



006000



0003F0



464C00

# Square

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



0003F0



C90000



005B00



0066BF

# Rectangle

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



0003F0



DC0059



005B00



006138



# Sweetspot

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



0003F0



B3B3FF



00F0EC



525280



000000



808080



# Same Dimension

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



0003F0



0003FF



7400F0



6C6C78



0002B8



000138



# Inverse Universe

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



F00003



FF0003



7CF000



786C6C



B80002

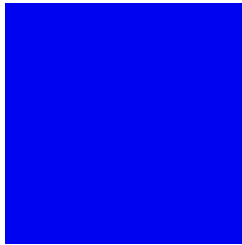


380001



# Previews

## White Background



This preview shows how the Hex color 0003F0 looks on a white background.

## Color Contrast Check

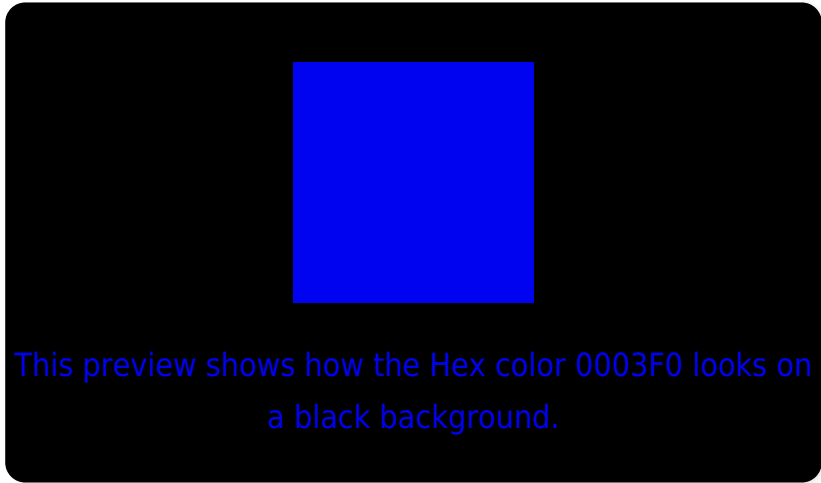
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

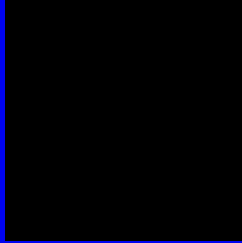
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0003F0 Background



This preview shows how black text looks on a background with the Hex color 0003F0.



This preview shows how white text looks on a background with the Hex color 0003F0.

# 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



# Trichromacy



**Original Color**  
0003F0

**Protanomaly**  
002EB5

**Tritanomaly**  
00358D

# Monochromacy



**Original Color**  
0003F0

**Achromatopsia**  
1D1D1D

**Achromatomaly**  
12146A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0003F0 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 #0003F0 looks like.

```
.text, #text, p{  
    color:#0003F0  
}
```

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 #0003F0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0003F0
}
```

## Border

The CSS property to change the border of an element to Hex 0003F0 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
#0003F0 }
```

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

```
.border{ border-color:#0003F0 }
```

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

Here you see how a box with a 4 pixel #0003F0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0003F0; -webkit-box-shadow:4px 4px  
4px 4px #0003F0; box-shadow:4px 4px 4px  
4px #0003F0 }
```

# Background

The CSS property to change the background color of an element to Hex 0003F0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0003F0 }
```

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

```
.background{ background-color:#0003F0 }
```

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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