

Converting Colors

Hex(003CF0)

Have a look what the booklet for
Hex(003CF0) contains.

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Color

Hex(003CF0)

Conversions

Conversions Part 1

Format	Color
Hex	003CF0
RGB	0, 60, 240
RGB Percent	0%, 24%, 94%
CMY	1.0000, 0.7647, 0.0588
CMYK	1.00, 0.75, 0.00, 0.06
HSL	225°, 100%, 47%
HSV	225°, 100%, 94%
XYZ	17.3440, 9.5230, 83.3621
YIQ	62.5800, -93.5400, 43.2600

Conversions

Conversions Part 2

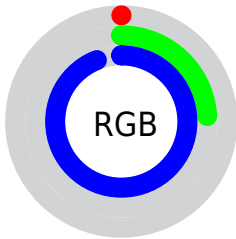
Format	Color
R _Y B	0, 48, 240
Decimal	15600
CIE Lab	36.97, 55.27, -91.63
CIE LCh	37, 107.012, 301.098
Yxy	9.5230, 0.1573, 0.0864
Android (android.graphics.Color)	4278205680 (0xFF003CF0)
YUV	62.5800, 87.4681, -54.8827
Hunter-Lab	30.8593, 46.3194, -138.5619

Details

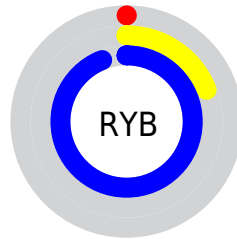
The Hex color **003CF0** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark saturated blue. A complement of this color would be **F0B400**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **716DFF**, and **000FB6** is the 20% darker color. If you saturate the color by 10%, you get **003CF0**, and if you desaturate by 10%, it is **184EF0**.

Distribution



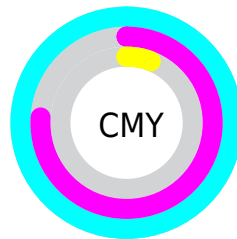
- Red (0%)
- Green (24%)
- Blue (94%)



- Red (0%)
- Yellow (19%)
- Blue (94%)



- Cyan (100%)
- Magenta (75%)
- Yellow (0%)
- Black (6%)



- Cyan (100%)
- Magenta (76%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 003CF0 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 003CF0 by changing the saturation by 10% instead.

 003CF0

 003CF0

FFFFFF

 0025D3

 716DFF

 000FB6

 9487FF

 00019A

 B5A1FF

 00007F

 D5BDFF

 001065


 F5D9FF

 00094C

 FFF5FF

 000434

 00021E

 000001

 003CF0

 184EF0

 3060F0

 4872F0

 6084F0

 7896F0

 90A8F0

 A8BAF0

 C0CCF0

 D8DEF0

Harmonies

Analogous

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



0066FF



003CF0



B800AD

Triad

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



003CF0



A92300



007358

Complementary

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



003CF0



F0B400

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.



007000



003CF0



685600

Square

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



003CF0



D40002



006900



0075B0

Rectangle

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



003CF0



D80075



006900



007239

Sweetspot

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



003CF0



B3C6FF



00F0B4



525D80



000000



808080

Same Dimension

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



003CF0



0040FF



3C00F0



6C6F78



002EB8



000E38

Inverse Universe

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



F0003C



FF0040



B4F000



786C6F



B8002E



38000E

Previews

White Background



This preview shows how the Hex color 003CF0 looks on a white background.

Color Contrast Check

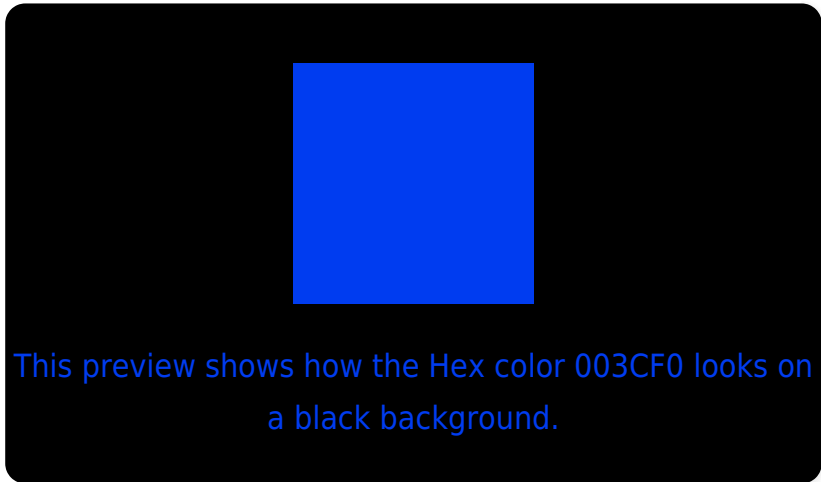
Large Text (above 18pt) WCAG AA ✓ Pass

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

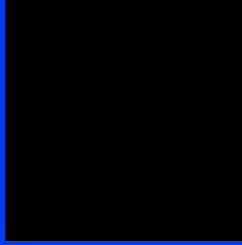
Any Text WCAG AA × Fail

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 003CF0 Background



This preview shows how black text looks on a background with the Hex color 003CF0.



This preview shows how white text looks on a background with the Hex color 003CF0.

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
003CF0

Protanopia
0053AF

Deuteranopia
005995



Trichromacy



Original Color
003CF0

Protanomaly
004BC7

Deuteranomaly
004EB6

Tritanomaly
005398

Monochromacy



Original Color
003CF0

Achromatopsia
3F3F3F

Achromatomaly
283E7F

CSS Examples

Text

The CSS property to change the color of the text to Hex 003CF0 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 #003CF0 looks like.

```
.text, #text, p{  
    color:#003CF0  
}
```

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 #003CF0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #003CF0
}
```

Border

The CSS property to change the border of an element to Hex 003CF0 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
#003CF0 }
```

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

```
.border{ border-color:#003CF0 }
```

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

Here you see how a box with a 4 pixel #003CF0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #003CF0; -webkit-box-shadow:4px 4px  
4px 4px #003CF0; box-shadow:4px 4px 4px  
4px #003CF0 }
```

Background

The CSS property to change the background color of an element to Hex 003CF0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#003CF0 }
```

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

```
.background{ background-color:#003CF0 }
```

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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