

# Converting Colors

Hex(000FBF)

Have a look what the booklet for  
Hex(000FBF) contains.

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# Color

Hex(000FBF)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	000FBF
RGB	0, 15, 191
RGB Percent	0%, 6%, 75%
CMY	1.0000, 0.9412, 0.2510
CMYK	1.00, 0.92, 0.00, 0.25
HSL	235°, 100%, 37%
HSV	235°, 100%, 75%
XYZ	9.5748, 4.1032, 49.5776
YIQ	30.5790, -65.4360, 51.5560

# Conversions

## Conversions Part 2

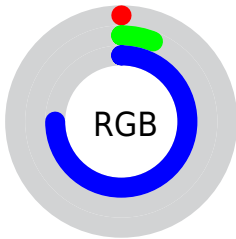
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 14, 191
Decimal	4031
CIELab	24.01, 60.19, -84.88
CIELCh	24, 104.058, 305.342
Yxy	4.1032, 0.1514, 0.0649
Android (android.graphics.Color)	4278194111 (0xFF000FBF)
YUV	30.5790, 79.0876, -26.8178
Hunter-Lab	20.2564, 48.9244, -130.9325

# Details

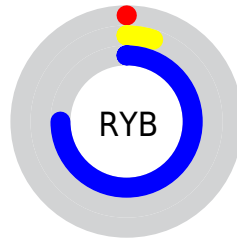
The Hex color **000FBF** is a dark color, and the websafe version is hex **3300CC**. A complement of this color would be **BFB000**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **6644F9**, and **000088** is the 20% darker color. If you saturate the color by 10%, you get **000FBF**, and if you desaturate by 10%, it is **1321BF**.

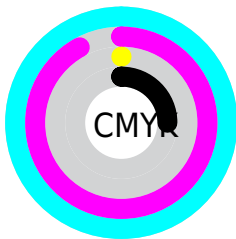
# Distribution



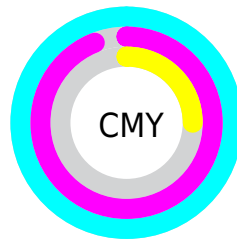
- Red (0%)
- Green (6%)
- Blue (75%)



- Red (0%)
- Yellow (5%)
- Blue (75%)



- Cyan (100%)
- Magenta (92%)
- Yellow (0%)
- Black (25%)



- Cyan (100%)
- Magenta (94%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 000FBF 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 000FBF by changing the saturation by 10% instead.



■ 000FBF

■ 000FBF

FFFFFF

■ 0000A3

■ 6644F9

■ 000088

■ 875EFF

■ 00006D

■ A678FF

■ 000B54

■ C593FF

■ 00063C

■ E5AEFF

■ 000225

■ FFCAFF

■ 00010D

■ FFE7FF

■ 000000

■ 000FBF

■ 1321BF

■ 2632BF

■ 3944BF

■ 4C55BF

■ 6067BF

■ 7379BF

■ 868ABF

■ 999CBF

■ ACADBF

# Harmonies

## Analogous

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



0046DE



000FBF



97007D

# Triad

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



000FBF



770900



005046

# Complementary

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



000FBF



BFB000

# 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.



004D00



000FBF



3B3C00

# Square

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



000FBF



A10000



004900



005295

# Rectangle

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



000FBF



AE0049



004900



004F2A



# Sweetspot

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



000FBF



ADB3F7



00BFAF



50547D



FCFCFC



7D7D7D



# Same Dimension

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



000FBF



0013F7



5000BF



55565E



000C9E



00021F



# Inverse Universe

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



BF000F



F70013



6FBF00



5E5556



9E000C

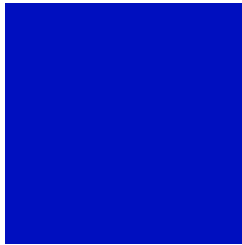


1F0002



# Previews

## White Background



This preview shows how the Hex color 000FBF looks on a white background.

## Color Contrast Check

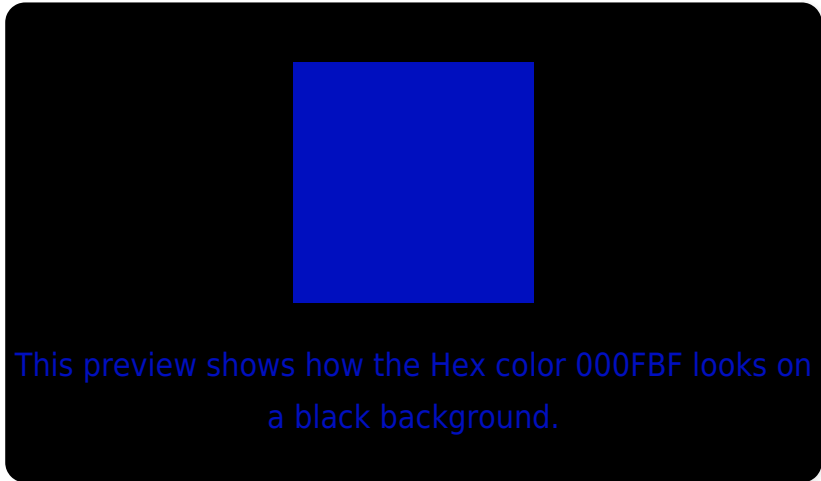
Large Text (above 18pt) WCAG AA ✓ Pass

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

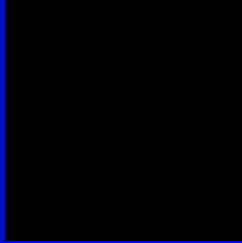
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 000FBF Background



This preview shows how black text looks on a background with the Hex color 000FBF.



This preview shows how white text looks on a background with the Hex color 000FBF.

# 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**  
000FBF

**Protanopia**  
003977

**Deuteranopia**  
003D65



# Trichromacy



**Original Color**  
000FBF

**Protanomaly**  
002A91

**Deuteranomaly**  
002C86

**Tritanomaly**  
002F71

# Monochromacy



**Original Color**  
000FBF

**Achromatopsia**  
1F1F1F

**Achromatomaly**  
141959

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 000FBF 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 #000FBF looks like.

```
.text, #text, p{  
    color:#000FBF  
}
```

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 #000FBF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #000FBF
}
```

## Border

The CSS property to change the border of an element to Hex 000FBF is called "border". The border property can be set on classes, ids or directly on the HTML element.

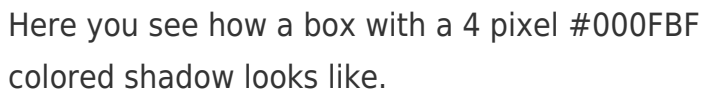
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#000FBF }
```

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

```
.border{ border-color:#000FBF }
```

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



Here you see how a box with a 4 pixel #000FBF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #000FBF; -webkit-box-shadow:4px 4px  
4px 4px #000FBF; box-shadow:4px 4px 4px  
4px #000FBF }
```

# Background

The CSS property to change the background color of an element to Hex 000FBF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#000FBF }
```

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

```
.background{ background-color:#000FBF }
```

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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