

Converting Colors

Hex(003FBD)

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

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Color

Hex(003FBD)

Conversions

Conversions Part 1

Format	Color
Hex	003FBD
RGB	0, 63, 189
RGB Percent	0%, 25%, 74%
CMY	1.0000, 0.7529, 0.2588
CMYK	1.00, 0.67, 0.00, 0.26
HSL	220°, 100%, 37%
HSV	220°, 100%, 74%
XYZ	10.9628, 7.2291, 48.9617
YIQ	58.5270, -77.9940, 25.8300

Conversions

Conversions Part 2

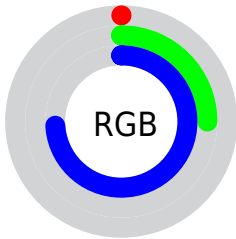
Format	Color
RYB	0, 47, 189
Decimal	16317
CIELab	32.32, 35.10, -69.91
CIELCh	32, 78.225, 296.659
Yxy	7.2291, 0.1632, 0.1077
Android (android.graphics.Color)	4278206397 (0xFF003FBD)
YUV	58.5270, 64.3232, -51.3282
Hunter-Lab	26.8871, 25.7285, -89.1469

Details

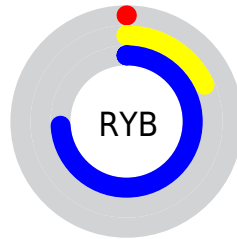
The Hex color **003FBD** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **BD7E00**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **616EF6**, and **001686** is the 20% darker color. If you saturate the color by 10%, you get **003FBD**, and if you desaturate by 10%, it is **134CBD**.

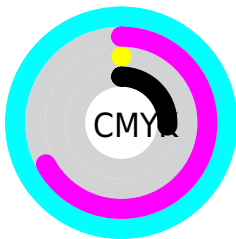
Distribution



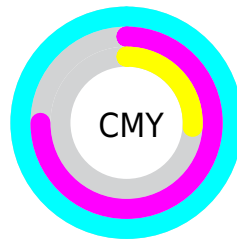
- Red (0%)
- Green (25%)
- Blue (74%)



- Red (0%)
- Yellow (18%)
- Blue (74%)



- Cyan (100%)
- Magenta (67%)
- Yellow (0%)
- Black (26%)



- Cyan (100%)
- Magenta (75%)
- Yellow (26%)

Brightness & Saturation Gradients

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

 003FBD

 003FBD

FFFFFF

 0029A1

 616EF6

 001686

 8188FF

 00006C

 9FA2FF

 000A53

 BEBDFE

 00063B

 DCD9FF

 000224

 FBF5FF

 00000C

 000000

 003FBD

■ 134CBD

■ 2658BD

■ 3965BD

■ 4C71BD

■ 5F7EBD

■ 718BBD

■ 8497BD

■ 97A4BD

■ AAB0BD

Harmonies

Analogous

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



0058CA



003FBD



8B0091

Triad

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



003FBD



902500



006243

Complementary

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



003FBD



BD7E00

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.



005F00



003FBD



644800

Square

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



003FBD



AC001A



235800



006383

Rectangle

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



003FBD



A7006A



235800



00612D

Sweetspot

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



003FBD



ABC4F5



00BD7E



4E5D7A



FAFAFA



7A7A7A

Same Dimension

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



003FBD



0052F5



1F00BD



55585E



00359E



000A1F

Inverse Universe

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



BD003F



F50052



9EBD00



5E5558



9E0035



1F000A

Previews

White Background



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

Color Contrast Check

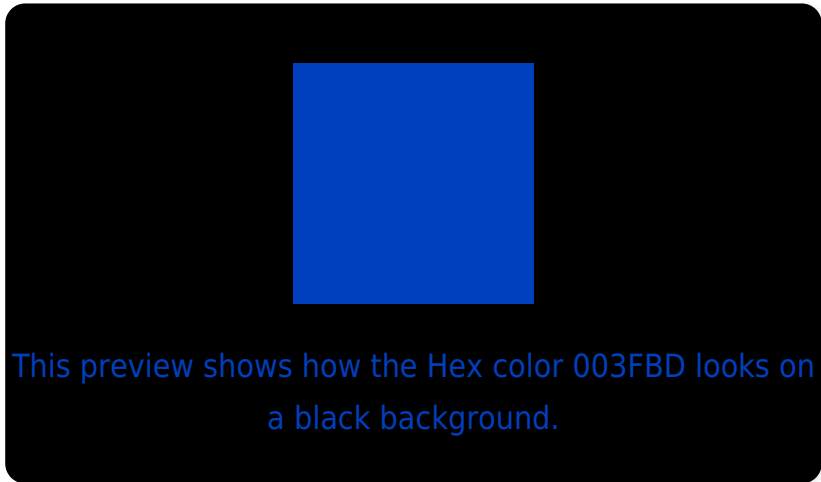
Large Text (above 18pt) WCAG AA ✓ Pass

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

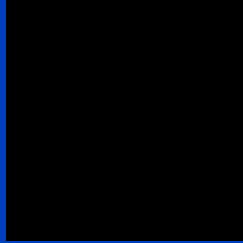
Any Text WCAG AA × Fail

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 003FBD Background



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



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

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

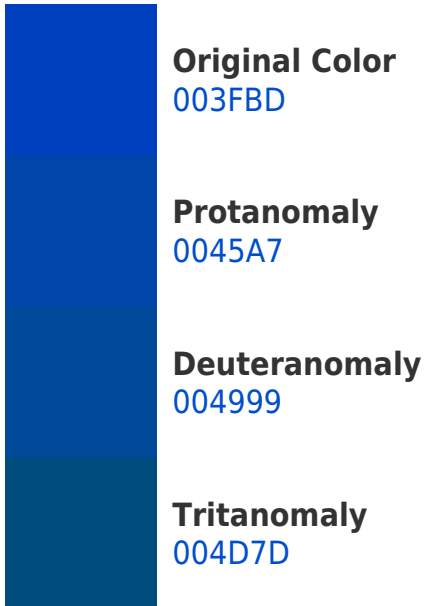


Original Color
003FBD

Protanopia
00499B

Deuteranopia
004E84

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #003FBD colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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