

Converting Colors

Hex(0004BF)

Have a look what the booklet for
Hex(0004BF) contains.

Hex(0004BF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(0004BF)

Conversions

Conversions Part 1

Format	Color
Hex	0004BF
RGB	0, 4, 191
RGB Percent	0%, 2%, 75%
CMY	1.0000, 0.9843, 0.2510
CMYK	1.00, 0.98, 0.00, 0.25
HSL	239°, 100%, 37%
HSV	239°, 100%, 75%
XYZ	9.4474, 3.8484, 49.5351
YIQ	24.1220, -62.4110, 57.3090

Conversions

Conversions Part 2

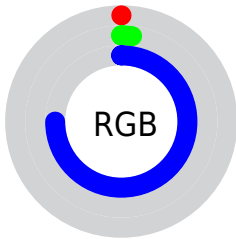
Format	Color
RYB	0, 4, 191
Decimal	1215
CIELab	23.16, 62.80, -86.30
CIELCh	23, 106.730, 306.045
Yxy	3.8484, 0.1504, 0.0613
Android (android.graphics.Color)	4278191295 (0xFF0004BF)
YUV	24.1220, 82.2709, -21.1550
Hunter-Lab	19.6174, 51.6320, -135.9787

Details

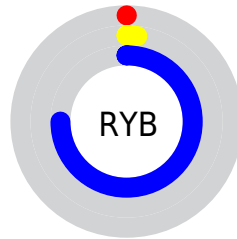
The Hex color **0004BF** is a dark color, and the websafe version is hex **3300CC**. A complement of this color would be **BFBB00**, and the grayscale version is **171717**.

A 20% lighter version of the original color is **663FF9**, and **000088** is the 20% darker color. If you saturate the color by 10%, you get **0004BF**, and if you desaturate by 10%, it is **1317BF**.

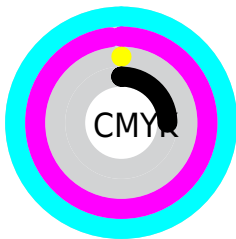
Distribution



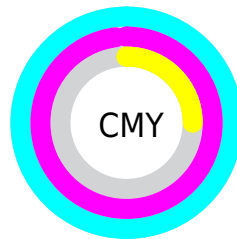
- Red (0%)
- Green (2%)
- Blue (75%)



- Red (0%)
- Yellow (2%)
- Blue (75%)



- Cyan (100%)
- Magenta (98%)
- Yellow (0%)
- Black (25%)



- Cyan (100%)
- Magenta (98%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0004BF 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 0004BF by changing the saturation by 10% instead.

■ 0004BF

FFFFFF

■ 663FF9

■ 8759FF

■ A773FF

■ C68EFF

■ E5AAFF

■ FFC6FF

■ FFE2FF

■ 0004BF

■ 0000A3

■ 000088

■ 00006D

■ 000B54

■ 00063C

■ 000225

■ 00010D

■ 000000

■ 0004BF

 1317BF

 2629BF

 393CBF

 4C4FBF

 6061BF

 7374BF

 8687BF

 999ABF

 ACACBF

Harmonies

Analogous

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



0045E0



0004BF



98007A

Triad

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



0004BF



740600



004D47

Complementary

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



0004BF



BFBB00

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.



004C00



0004BF



363B00

Square

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



0004BF



A00000



004700



005197

Rectangle

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



0004BF



AF0046



004700



004D2A

Sweetspot

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



0004BF



ADAFF7



00BFB9



50517D



FCFCFC



7D7D7D

Same Dimension

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



0004BF



0005F7



5900BF



55555E



00039E



00011F

Inverse Universe

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



BF0004



F70005



66BF00



5E5555



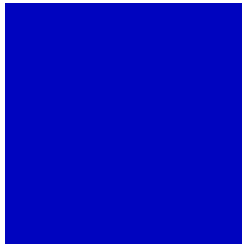
9E0003



1F0001

Previews

White Background



This preview shows how the Hex color 0004BF looks on a white background.

Color Contrast Check

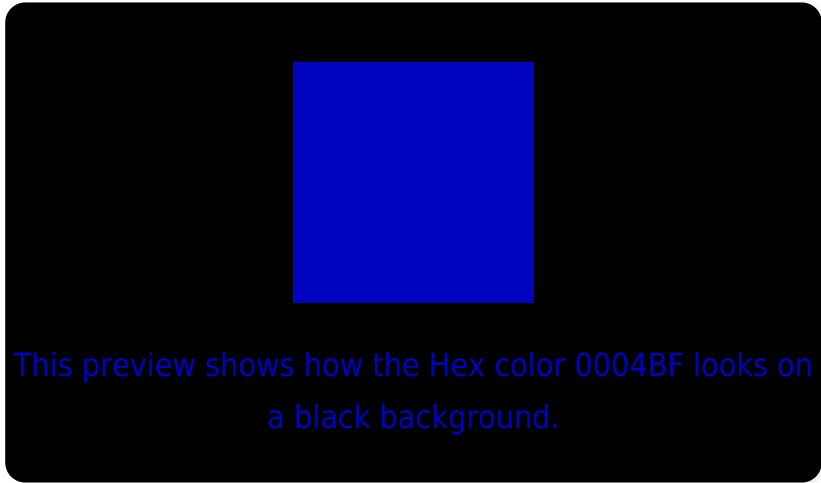
Large Text (above 18pt) WCAG AA ✓ Pass

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

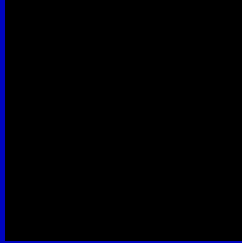
Any Text WCAG AA × Fail

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 0004BF Background



This preview shows how black text looks on a background with the Hex color 0004BF.



This preview shows how white text looks on a background with the Hex color 0004BF.

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
0004BF

Protanopia
003875

Deuteranopia
003C63

Trichromacy



Original Color
0004BF

Protanomaly
002590

Deuteranomaly
002884

Tritanomaly
002A70

Monochromacy



Original Color
0004BF

Achromatopsia
181818

Achromatomaly
0F1155

CSS Examples

Text

The CSS property to change the color of the text to Hex 0004BF 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 #0004BF looks like.

```
.text, #text, p{  
    color:#0004BF  
}
```

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 #0004BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0004BF
}
```

Border

The CSS property to change the border of an element to Hex 0004BF is called "border". The border property can be set on classes, ids or directly on the HTML element.

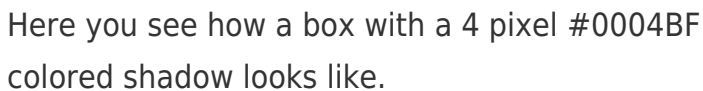
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0004BF }
```

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

```
.border{ border-color:#0004BF }
```

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



Here you see how a box with a 4 pixel #0004BF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0004BF; -webkit-box-shadow:4px 4px  
4px 4px #0004BF; box-shadow:4px 4px 4px  
4px #0004BF }
```

Background

The CSS property to change the background color of an element to Hex 0004BF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0004BF }
```

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

```
.background{ background-color:#0004BF }
```

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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