

Converting Colors

Hex(0008BF)

Have a look what the booklet for
Hex(0008BF) contains.

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Color

Hex(0008BF)

Conversions

Conversions Part 1

Format	Color
Hex	0008BF
RGB	0, 8, 191
RGB Percent	0%, 3%, 75%
CMY	1.0000, 0.9686, 0.2510
CMYK	1.00, 0.96, 0.00, 0.25
HSL	237°, 100%, 37%
HSV	237°, 100%, 75%
XYZ	9.4908, 3.9353, 49.5496
YIQ	26.4700, -63.5110, 55.2170

Conversions

Conversions Part 2

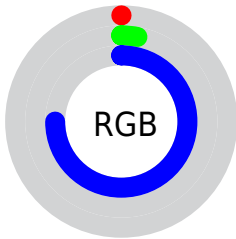
Format	Color
RYB	0, 8, 191
Decimal	2239
CIELab	23.46, 61.90, -85.81
CIELCh	23, 105.802, 305.804
Yxy	3.9353, 0.1507, 0.0625
Android (android.graphics.Color)	4278192319 (0xFF0008BF)
YUV	26.4700, 81.1133, -23.2142
Hunter-Lab	19.8375, 50.6838, -134.2069

Details

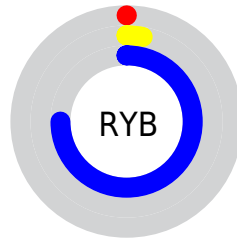
The Hex color **0008BF** is a dark color, and the websafe version is hex **3300CC**. A complement of this color would be **BFB700**, and the grayscale version is **1A1A1A**.

A 20% lighter version of the original color is **6641F9**, and **000088** is the 20% darker color. If you saturate the color by 10%, you get **0008BF**, and if you desaturate by 10%, it is **131ABF**.

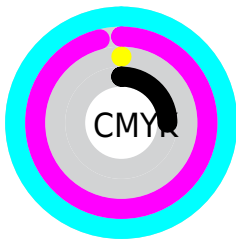
Distribution



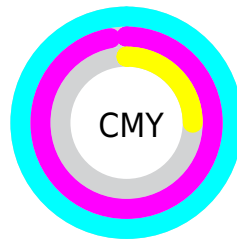
- Red (0%)
- Green (3%)
- Blue (75%)



- Red (0%)
- Yellow (3%)
- Blue (75%)



- Cyan (100%)
- Magenta (96%)
- Yellow (0%)
- Black (25%)



- Cyan (100%)
- Magenta (97%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0008BF 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 0008BF by changing the saturation by 10% instead.

■ 0008BF

FFFFFF

■ 6641F9

■ 875BFF

■ A775FF

■ C690FF

■ E5ABFF

■ FFC7FF

■ FFE4FF

■ 0008BF

■ 0000A3

■ 000088

■ 00006D

■ 000B54

■ 00063C

■ 000225

■ 00010D

■ 000000

■ 0008BF

 131ABF

 262DBF

 393FBF

 4C51BF

 6063BF

 7376BF

 8688BF

 999ABF

 ACADBF

Harmonies

Analogous

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



0045E0



0008BF



98007B

Triad

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



0008BF



750700



004E47

Complementary

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



0008BF



BFB700

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



0008BF



383B00

Square

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



0008BF



A00000



004800



005197

Rectangle

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



0008BF



AE0047



004800



004D2A

Sweetspot

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



0008BF



ADB0F7



00BFB5



50527D



FCFCFC



7D7D7D

Same Dimension

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



0008BF



000AF7



5600BF



5555E



00079E



00011F

Inverse Universe

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



BF0008



F7000A



69BF00



5E5555



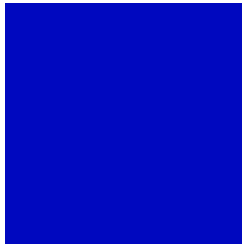
9E0007



1F0001

Previews

White Background



This preview shows how the Hex color 0008BF looks on a white background.

Color Contrast Check

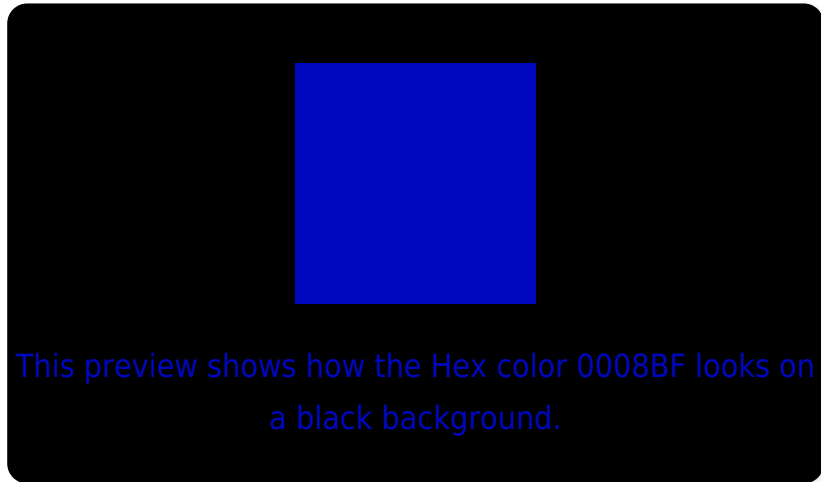
Large Text (above 18pt) WCAG AA ✓ Pass

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

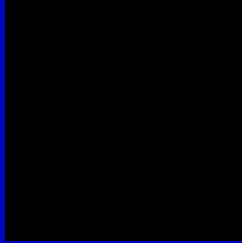
Any Text WCAG AA × Fail

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 0008BF Background



This preview shows how black text looks on a background with the Hex color 0008BF.



This preview shows how white text looks on a background with the Hex color 0008BF.

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
0008BF

Protanopia
003875

Deuteranopia
003C63

Trichromacy



Original Color
0008BF

Protanomaly
002790

Deuteranomaly
002984

Tritanomaly
002C70

Monochromacy



Original Color
0008BF

Achromatopsia
1A1A1A

Achromatomaly
111356

CSS Examples

Text

The CSS property to change the color of the text to Hex 0008BF 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 #0008BF looks like.

```
.text, #text, p{  
    color:#0008BF  
}
```

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 #0008BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0008BF
}
```

Border

The CSS property to change the border of an element to Hex 0008BF 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
#0008BF }
```

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

```
.border{ border-color:#0008BF }
```

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

Here you see how a box with a 4 pixel #0008BF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0008BF; -webkit-box-shadow:4px 4px  
4px 4px #0008BF; box-shadow:4px 4px 4px  
4px #0008BF }
```

Background

The CSS property to change the background color of an element to Hex 0008BF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0008BF }
```

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

```
.background{ background-color:#0008BF }
```

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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