

Converting Colors

Hex(0060BF)

Have a look what the booklet for
Hex(0060BF) contains.

Hex(0060BF)	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(0060BF)

Conversions

Conversions Part 1

Format	Color
Hex	0060BF
RGB	0, 96, 191
RGB Percent	0%, 38%, 75%
CMY	1.0000, 0.6235, 0.2510
CMYK	1.00, 0.50, 0.00, 0.25
HSL	210°, 100%, 37%
HSV	210°, 100%, 75%
XYZ	13.5868, 12.1273, 50.9149
YIQ	78.1260, -87.7110, 9.1930

Conversions

Conversions Part 2

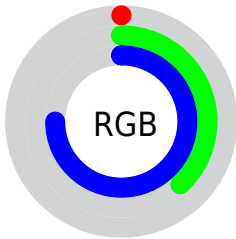
Format	Color
R _{YB}	0, 64, 191
Decimal	24767
CIE Lab	41.42, 13.94, -56.24
CIE LCh	41, 57.942, 283.925
Yxy	12.1273, 0.1773, 0.1583
Android (android.graphics.Color)	4278214847 (0xFF0060BF)
YUV	78.1260, 55.6469, -68.5165
Hunter-Lab	34.8243, 8.6999, -62.3080

Details

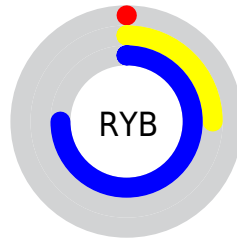
The Hex color **0060BF** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **BF5F00**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **5F92F8**, and **003389** is the 20% darker color. If you saturate the color by 10%, you get **0060BF**, and if you desaturate by 10%, it is **136ABF**.

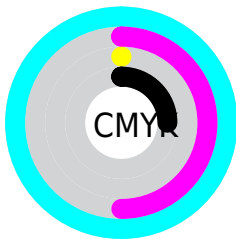
Distribution



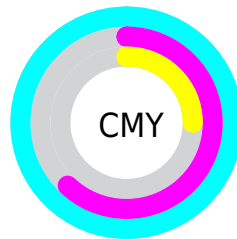
- Red (0%)
- Green (38%)
- Blue (75%)



- Red (0%)
- Yellow (25%)
- Blue (75%)



- Cyan (100%)
- Magenta (50%)
- Yellow (0%)
- Black (25%)



- Cyan (100%)
- Magenta (62%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0060BF 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 0060BF by changing the saturation by 10% instead.

 0060BF

 0060BF

FFFFFF

 0049A3

 5F92F8

 003389

 7FACFF

 001F6F

 9DC7FF

 000656

 BBE3FF

 00063D

 D9FFFF

 000327

 F8FFFF

 000110

 000000

 0060BF

■ 136ABF

■ 2673BF

■ 397DBF

■ 4C86BF

■ 6090BF

■ 7399BF

■ 86A3BF

■ 99ACBF

■ ACB6BF

Harmonies

Analogous

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



006EBE



0060BF



7F4AA7

Triad

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



0060BF



A93F20



007545

Complementary

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



0060BF



BF5F00

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.



277012



0060BF



8B5600

Square

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



0060BF



B52B4E



626600



007777

Rectangle

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



0060BF



9F398C



626600



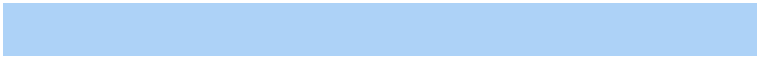
007435

Sweetspot

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



0060BF



ADD2F7



00BF5C



50677D



FCFCFC



7D7D7D

Same Dimension

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



0060BF



007CF7



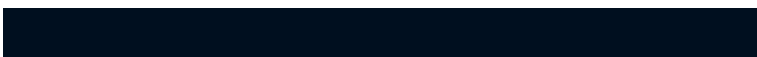
0003BF



555A5E



004F9E



000F1F

Inverse Universe

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



BF0060



F7007C



BFBC00



5E555A



9E004F



1F000F

Previews

White Background



This preview shows how the Hex color 0060BF looks on a white background.

Color Contrast Check

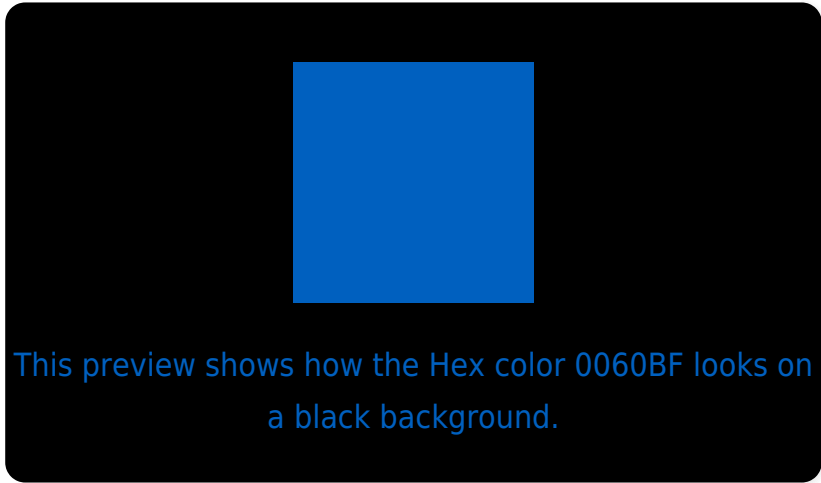
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

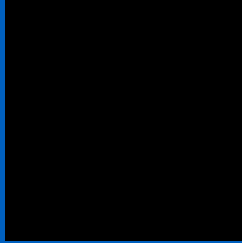
Any Text WCAG AA × Fail

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 0060BF Background



This preview shows how black text looks on a background with the Hex color 0060BF.



This preview shows how white text looks on a background with the Hex color 0060BF.

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](#).

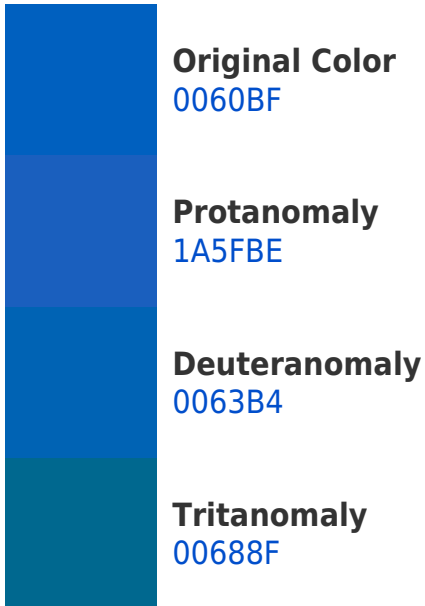
Dichromacy





Tritanopia
006C73

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0060BF 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 #0060BF looks like.

```
.text, #text, p{  
    color:#0060BF  
}
```

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 #0060BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0060BF
}
```

Border

The CSS property to change the border of an element to Hex 0060BF 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
#0060BF }
```

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

```
.border{ border-color:#0060BF }
```

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

Here you see how a box with a 4 pixel #0060BF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0060BF; -webkit-box-shadow:4px 4px  
4px 4px #0060BF; box-shadow:4px 4px 4px  
4px #0060BF }
```

Background

The CSS property to change the background color of an element to Hex 0060BF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0060BF }
```

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

```
.background{ background-color:#0060BF }
```

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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