

Converting Colors

Hex(0051BF)

Have a look what the booklet for
Hex(0051BF) contains.

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Color

Hex(0051BF)

Conversions

Conversions Part 1

Format	Color
Hex	0051BF
RGB	0, 81, 191
RGB Percent	0%, 32%, 75%
CMY	1.0000, 0.6824, 0.2510
CMYK	1.00, 0.58, 0.00, 0.25
HSL	215°, 100%, 37%
HSV	215°, 100%, 75%
XYZ	12.3464, 9.6464, 50.5014
YIQ	69.3210, -83.5860, 17.0380

Conversions

Conversions Part 2

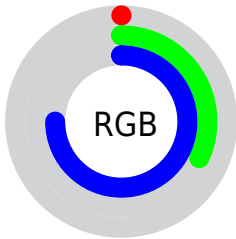
Format	Color
RYB	0, 57, 191
Decimal	20927
CIELab	37.20, 23.91, -63.09
CIELCh	37, 67.469, 290.757
Yxy	9.6464, 0.1703, 0.1331
Android (android.graphics.Color)	4278211007 (0xFF0051BF)
YUV	69.3210, 59.9877, -60.7945
Hunter-Lab	31.0587, 16.6042, -74.6643

Details

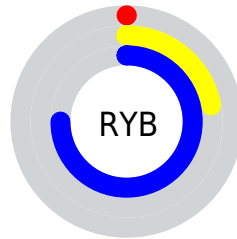
The Hex color **0051BF** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **BF6E00**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **6082F8**, and **002688** is the 20% darker color. If you saturate the color by 10%, you get **0051BF**, and if you desaturate by 10%, it is **135CBF**.

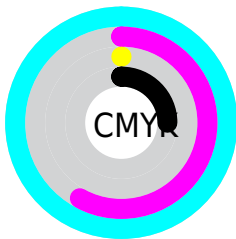
Distribution



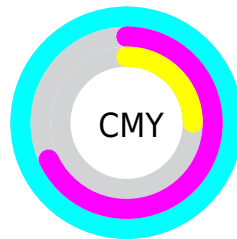
- Red (0%)
- Green (32%)
- Blue (75%)



- Red (0%)
- Yellow (22%)
- Blue (75%)



- Cyan (100%)
- Magenta (58%)
- Yellow (0%)
- Black (25%)



- Cyan (100%)
- Magenta (68%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0051BF 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 0051BF by changing the saturation by 10% instead.

 0051BF

 0051BF

FFFFFF

 003BA3

 6082F8

 002688

 809BFF

 00146E

 9EB6FF

 000355

 BCD2FF

 00063D

 DBEFFF

 000326

 F9FFFF

 00010F

 000000

 0051BF

■ 135CBF

■ 2667BF

■ 3972BF

■ 4C7DBF

■ 6088BF

■ 7393BF

■ 869EBF

■ 99A9BF

■ ACB4BF

Harmonies

Analogous

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



0064C5



0051BF



86319D

Triad

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



0051BF



9E3300



006D44

Complementary

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



0051BF



BF6E00

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.



006900



0051BF



7A4F00

Square

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



0051BF



B20035



486000



006E7D

Rectangle

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



0051BF



A40D7D



486000



006C31

Sweetspot

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



0051BF



ADCDF7



00BF6C



50637D



FCFCFC



7D7D7D

Same Dimension

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



0051BF



0069F7



0D00BF



55595E



00439E



000D1F

Inverse Universe

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



BF0051



F70069



B2BF00



5E5559



9E0043



1F000D

Previews

White Background



This preview shows how the Hex color 0051BF looks on a white background.

Color Contrast Check

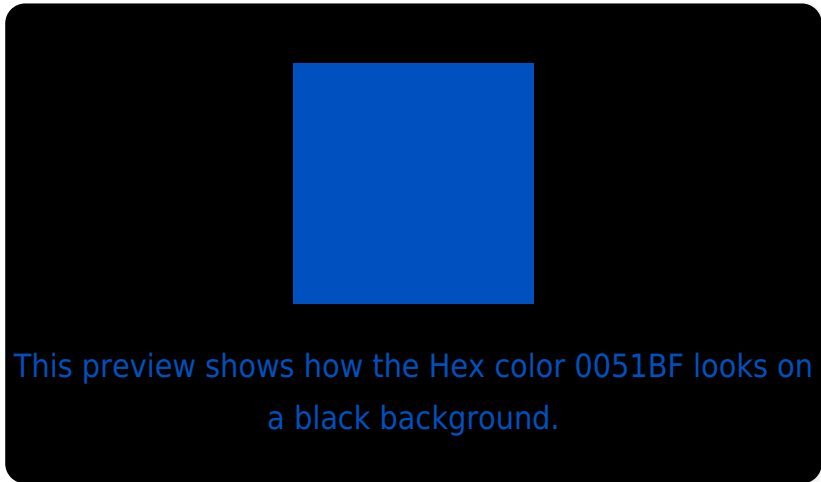
Large Text (above 18pt) WCAG AA ✓ Pass

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

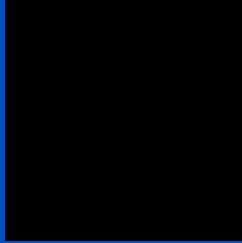
Any Text WCAG AA × Fail

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 0051BF Background



This preview shows how black text looks on a background with the Hex color 0051BF.



This preview shows how white text looks on a background with the Hex color 0051BF.

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
0051BF

Protanopia
0054B3

Deuteranopia
005A9A

Trichromacy



Original Color
0051BF

Protanomaly
0053B7

Deuteranomaly
0057A7

Monochromacy



Original Color
0051BF

Achromatopsia
454545

Achromatomaly
2C4971

CSS Examples

Text

The CSS property to change the color of the text to Hex 0051BF 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 #0051BF looks like.

```
.text, #text, p{  
    color:#0051BF  
}
```

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 #0051BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0051BF
}
```

Border

The CSS property to change the border of an element to Hex 0051BF 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
#0051BF }
```

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

```
.border{ border-color:#0051BF }
```

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

Here you see how a box with a 4 pixel #0051BF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0051BF; -webkit-box-shadow:4px 4px  
4px 4px #0051BF; box-shadow:4px 4px 4px  
4px #0051BF }
```

Background

The CSS property to change the background color of an element to Hex 0051BF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0051BF }
```

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

```
.background{ background-color:#0051BF }
```

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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