

Converting Colors

Hex(0051B0)

Have a look what the booklet for
Hex(0051B0) contains.

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Color

Hex(0051B0)

Conversions

Conversions Part 1

Format	Color
Hex	0051B0
RGB	0, 81, 176
RGB Percent	0%, 32%, 69%
CMY	1.0000, 0.6824, 0.3098
CMYK	1.00, 0.54, 0.00, 0.31
HSL	212°, 100%, 35%
HSV	212°, 100%, 69%
XYZ	10.7789, 9.0194, 42.2471
YIQ	67.6110, -78.7710, 12.3730

Conversions

Conversions Part 2

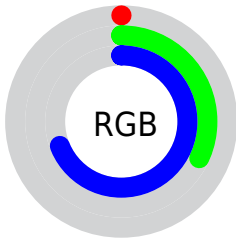
Format	Color
RYB	0, 55, 176
Decimal	20912
CIELab	36.02, 17.79, -56.18
CIELCh	36, 58.929, 287.568
Yxy	9.0194, 0.1737, 0.1454
Android (android.graphics.Color)	4278210992 (0xFF0051B0)
YUV	67.6110, 53.4358, -59.2948
Hunter-Lab	30.0324, 11.5086, -62.3816

Details

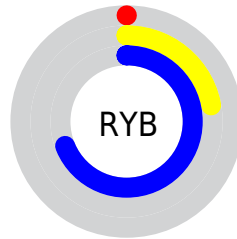
The Hex color **0051B0** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **B05F00**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **5B82E8**, and **00267A** is the 20% darker color. If you saturate the color by 10%, you get **0051B0**, and if you desaturate by 10%, it is **125AB0**.

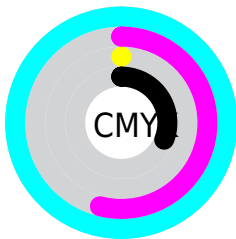
Distribution



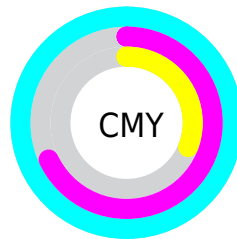
- Red (0%)
- Green (32%)
- Blue (69%)



- Red (0%)
- Yellow (22%)
- Blue (69%)



- Cyan (100%)
- Magenta (54%)
- Yellow (0%)
- Black (31%)



- Cyan (100%)
- Magenta (68%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0051B0 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 0051B0 by changing the saturation by 10% instead.

 0051B0

 0051B0

FFFFFF

 003B95

 5B82E8

 00267A

 7A9BFF

 001361

 98B6FF

 000848

 B6D2FF

 000431

 D4EEFF

 00011B

 F2FFFF

 000000

 0051B0

 125AB0

■ 2364B0

■ 356DB0

■ 4677B0

■ 5880B0

■ 6A8AB0

■ 7B93B0

■ 8D9DB0

■ 9EA7B0

Harmonies

Analogous

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



0060B2



0051B0



783895

Triad

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



0051B0



97340C



00683F

Complementary

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



0051B0



B05F00

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.



006407



0051B0



784C00

Square

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



0051B0



A6173B



4E5B00



006970

Rectangle

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



0051B0



95247A



4E5B00



00672E

Sweetspot

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



0051B0



A1C0E6



00B05E



495C73



F2F2F2



737373

Same Dimension

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



0051B0



006AE6



0600B0



505459



004699



000C1A

Inverse Universe

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



B00051



E6006A



AAB000



595054



990046



1A000C

Previews

White Background



This preview shows how the Hex color 0051B0 looks on a white background.

Color Contrast Check

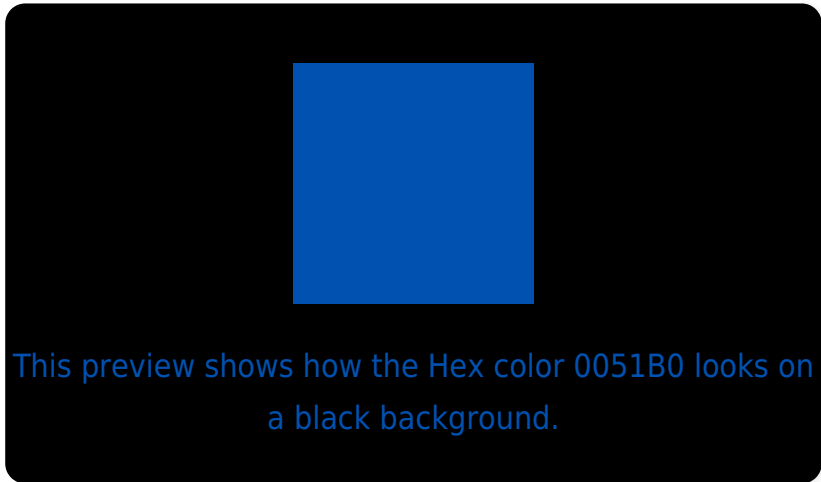
Large Text (above 18pt) WCAG AA ✓ Pass

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

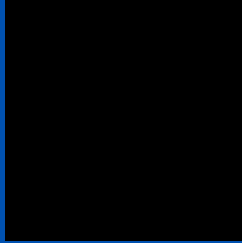
Any Text WCAG AA × Fail

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 0051B0 Background



This preview shows how black text looks on a background with the Hex color 0051B0.



This preview shows how white text looks on a background with the Hex color 0051B0.

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
0051B0

Protanopia
0052AE

Deuteranopia
005796



Tritanopia
005E64

Trichromacy



Original Color
0051B0

Protanomaly
0052AF

Deuteranomaly
00559F

Tritanomaly
005980

Monochromacy



Original Color
0051B0

Achromatopsia
444444

Achromatomaly
2B496B

CSS Examples

Text

The CSS property to change the color of the text to Hex 0051B0 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 #0051B0 looks like.

```
.text, #text, p{  
    color:#0051B0  
}
```

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 #0051B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0051B0
}
```

Border

The CSS property to change the border of an element to Hex 0051B0 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
#0051B0 }
```

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

```
.border{ border-color:#0051B0 }
```

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

Here you see how a box with a 4 pixel #0051B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0051B0; -webkit-box-shadow:4px 4px  
4px 4px #0051B0; box-shadow:4px 4px 4px  
4px #0051B0 }
```

Background

The CSS property to change the background color of an element to Hex 0051B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0051B0 }
```

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

```
.background{ background-color:#0051B0 }
```

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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