

Converting Colors

Hex(0054B0)

Have a look what the booklet for
Hex(0054B0) contains.

Hex(0054B0)	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(0054B0)

Conversions

Conversions Part 1

Format	Color
Hex	0054B0
RGB	0, 84, 176
RGB Percent	0%, 33%, 69%
CMY	1.0000, 0.6706, 0.3098
CMYK	1.00, 0.52, 0.00, 0.31
HSL	211°, 100%, 35%
HSV	211°, 100%, 69%
XYZ	11.0068, 9.4752, 42.3231
YIQ	69.3720, -79.5960, 10.8040

Conversions

Conversions Part 2

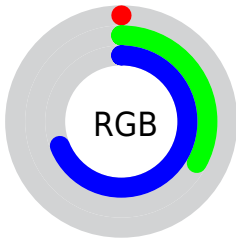
Format	Color
RYB	0, 57, 176
Decimal	21680
CIELab	36.88, 15.77, -54.78
CIElCh	37, 57.005, 286.055
Yxy	9.4752, 0.1753, 0.1509
Android (android.graphics.Color)	4278211760 (0xFF0054B0)
YUV	69.3720, 52.5676, -60.8392
Hunter-Lab	30.7819, 9.9587, -59.9726

Details

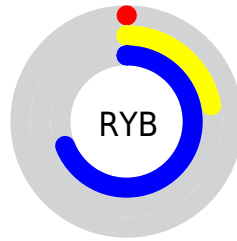
The Hex color **0054B0** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **B05C00**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **5B85E8**, and **00297A** is the 20% darker color. If you saturate the color by 10%, you get **0054B0**, and if you desaturate by 10%, it is **125DB0**.

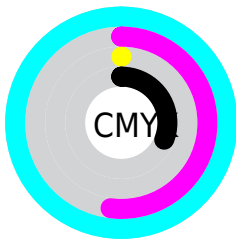
Distribution



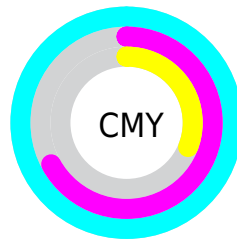
- Red (0%)
- Green (33%)
- Blue (69%)



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



- Cyan (100%)
- Magenta (52%)
- Yellow (0%)
- Black (31%)



- Cyan (100%)
- Magenta (67%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0054B0 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 0054B0 by changing the saturation by 10% instead.

■ 0054B0

■ 0054B0

FFFFFF

■ 003D95

■ 5B85E8

■ 00297A

■ 7A9FFF

■ 001661

■ 98BAFF

■ 000748

■ B5D5FF

■ 000431

■ D3F1FF

■ 00011B

■ F2FFFF

■ 000000

■ 0054B0

■ 125DB0

■ 2366B0

■ 3570B0

■ 4679B0

■ 5882B0

■ 6A8BB0

■ 7B94B0

■ 8D9EB0

■ 9EA7B0

Harmonies

Analogous

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



0062B1



0054B0



763D97

Triad

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



0054B0



993614



00693F

Complementary

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



0054B0



B05C00

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.



12650B



0054B0



7B4D00

Square

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



0054B0



A61F40



535C00



006B6F

Rectangle

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



0054B0



942B7D



535C00



00682F

Sweetspot

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



0054B0



A1C2E6



00B05B



495D73



F2F2F2



737373

Same Dimension

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



0054B0



006EE6



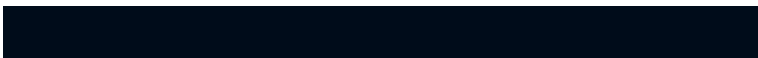
0300B0



505559



004999



000C1A

Inverse Universe

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



B00054



E6006E



ADB000



595055



990049



1A000C

Previews

White Background



This preview shows how the Hex color 0054B0 looks on a white background.

Color Contrast Check

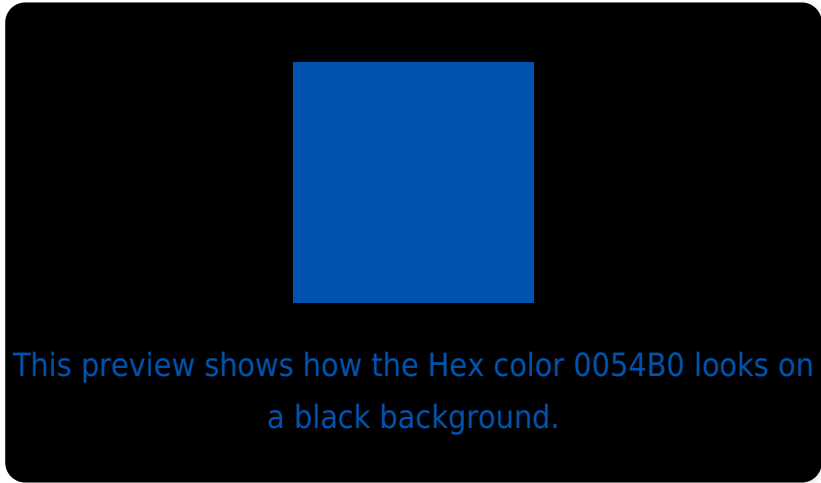
Large Text (above 18pt) WCAG AA ✓ Pass

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

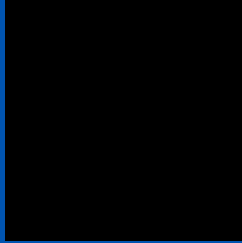
Any Text WCAG AA × Fail

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 0054B0 Background



This preview shows how black text looks on a background with the Hex color 0054B0.



This preview shows how white text looks on a background with the Hex color 0054B0.

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



Trichromacy



Original Color
0054B0

Protanomaly
0D54B0

Deuteranomaly
0057A2

Tritanomaly
005C82

Monochromacy



Original Color
0054B0

Achromatopsia
454545

Achromatomaly
2C4A6C

CSS Examples

Text

The CSS property to change the color of the text to Hex 0054B0 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 #0054B0 looks like.

```
.text, #text, p{  
    color:#0054B0  
}
```

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 #0054B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0054B0
}
```

Border

The CSS property to change the border of an element to Hex 0054B0 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
#0054B0 }
```

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

```
.border{ border-color:#0054B0 }
```

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

Here you see how a box with a 4 pixel #0054B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0054B0; -webkit-box-shadow:4px 4px  
4px 4px #0054B0; box-shadow:4px 4px 4px  
4px #0054B0 }
```

Background

The CSS property to change the background color of an element to Hex 0054B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0054B0 }
```

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

```
.background{ background-color:#0054B0 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor