

Converting Colors

Hex(0054B2)

Have a look what the booklet for
Hex(0054B2) contains.

Hex(0054B2)	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(0054B2)

Conversions

Conversions Part 1

Format	Color
Hex	0054B2
RGB	0, 84, 178
RGB Percent	0%, 33%, 70%
CMY	1.0000, 0.6706, 0.3020
CMYK	1.00, 0.53, 0.00, 0.30
HSL	212°, 100%, 35%
HSV	212°, 100%, 70%
XYZ	11.2062, 9.5550, 43.3731
YIQ	69.6000, -80.2380, 11.4260

Conversions

Conversions Part 2

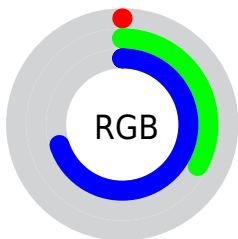
Format	Color
RYB	0, 57, 178
Decimal	21682
CIELab	37.03, 16.59, -55.72
CIELCh	37, 58.141, 286.580
Yxy	9.5550, 0.1747, 0.1490
Android (android.graphics.Color)	4278211762 (0xFF0054B2)
YUV	69.6000, 53.4412, -61.0392
Hunter-Lab	30.9112, 10.6170, -61.5552

Details

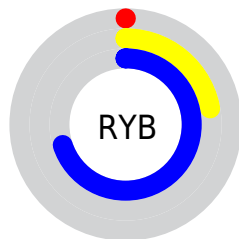
The Hex color **0054B2** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **B25E00**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **5C85EA**, and **00297C** is the 20% darker color. If you saturate the color by 10%, you get **0054B2**, and if you desaturate by 10%, it is **125DB2**.

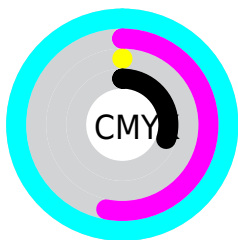
Distribution



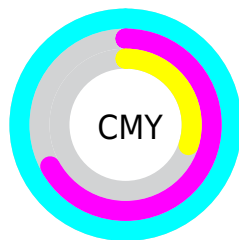
- Red (0%)
- Green (33%)
- Blue (70%)



- Red (0%)
- Yellow (22%)
- Blue (70%)



- Cyan (100%)
- Magenta (53%)
- Yellow (0%)
- Black (30%)



- Cyan (100%)
- Magenta (67%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0054B2 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 0054B2 by changing the saturation by 10% instead.

■ 0054B2

■ 0054B2

FFFFFF

■ 003D97

■ 5C85EA

■ 00297C

■ 7B9FFF

■ 001663

■ 99BAFF

■ 00064A

■ B6D5FF

■ 000433

■ D4F1FF

■ 00021D

■ F3FFFF

■ 000000

■ 0054B2

■ 125DB2

 2467B2

 3570B2

 477AB2

 5983B2

 6B8CB2

 7D96B2

 8E9FB2

 A0A9B2

Harmonies

Analogous

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



0063B3



0054B2



783C98

Triad

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



0054B2



9A3612



006A40

Complementary

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



0054B2



B25E00

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.



0B6609



0054B2



7C4D00

Square

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



0054B2



A81D40



525D00



006B71

Rectangle

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



0054B2



96297D



525D00



00692F

Sweetspot

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



0054B2



A2C3E8



00B25C



4B5F75



F5F5F5



757575

Same Dimension

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



0054B2



006EE8



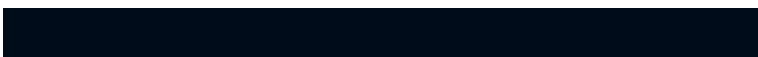
0300B2



505559



004899



000C1A

Inverse Universe

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



B20054



E8006E



AFB200



595055



990048



1A000C

Previews

White Background



This preview shows how the Hex color 0054B2 looks on a white background.

Color Contrast Check

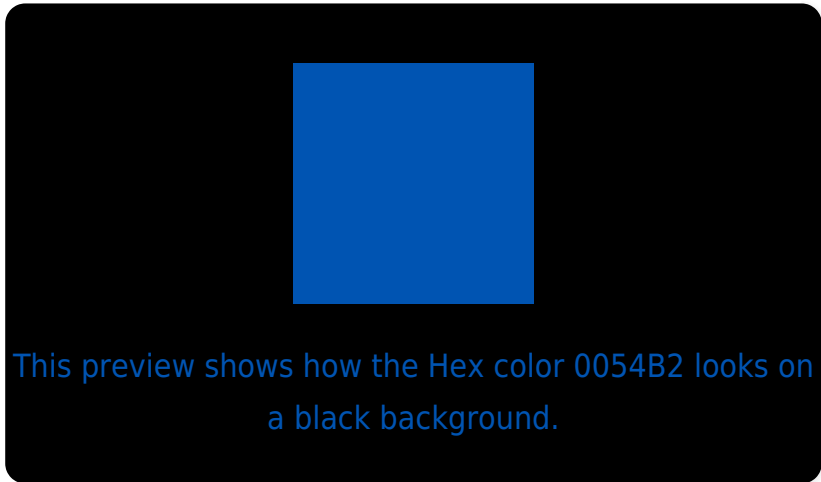
Large Text (above 18pt) WCAG AA ✓ Pass

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

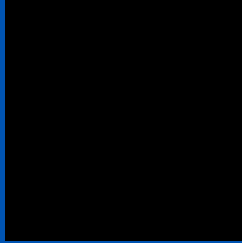
Any Text WCAG AA × Fail

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 0054B2 Background



This preview shows how black text looks on a background with the Hex color 0054B2.



This preview shows how white text looks on a background with the Hex color 0054B2.

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
0054B2

Protanopia
0C54B2

Deuteranopia
00599A



Tritanopia
006167

Trichromacy



Original Color
0054B2

Protanomaly
0854B2

Deuteranomaly
0057A3

Tritanomaly
005C82

Monochromacy



Original Color
0054B2

Achromatopsia
464646

Achromatomaly
2D4B6D

CSS Examples

Text

The CSS property to change the color of the text to Hex 0054B2 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 #0054B2 looks like.

```
.text, #text, p{  
    color:#0054B2  
}
```

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 #0054B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0054B2
}
```

Border

The CSS property to change the border of an element to Hex 0054B2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

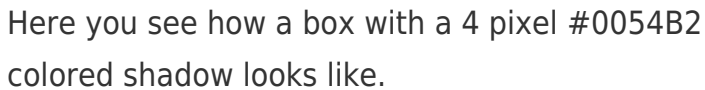
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0054B2 }
```

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

```
.border{ border-color:#0054B2 }
```

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



Here you see how a box with a 4 pixel #0054B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0054B2; -webkit-box-shadow:4px 4px  
4px 4px #0054B2; box-shadow:4px 4px 4px  
4px #0054B2 }
```

Background

The CSS property to change the background color of an element to Hex 0054B2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0054B2 }
```

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

```
.background{ background-color:#0054B2 }
```

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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