

# Converting Colors

Hex(0054BE)

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

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# Color

Hex(0054BE)

# Conversions

## Conversions Part 1

Format	Color
Hex	0054BE
RGB	0, 84, 190
RGB Percent	0%, 33%, 75%
CMY	1.0000, 0.6706, 0.2549
CMYK	1.00, 0.56, 0.00, 0.25
HSL	213°, 100%, 37%
HSV	213°, 100%, 75%
XYZ	12.4646, 10.0584, 49.9997
YIQ	70.9680, -84.0900, 15.1580

# Conversions

## Conversions Part 2

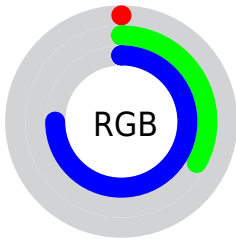
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 58, 190
Decimal	21694
CIELab	37.95, 21.50, -61.29
CIELCh	38, 64.949, 289.330
Yxy	10.0584, 0.1719, 0.1387
Android (android.graphics.Color)	4278211774 (0xFF0054BE)
YUV	70.9680, 58.6828, -62.2389
Hunter-Lab	31.7149, 14.6530, -71.2724

# Details

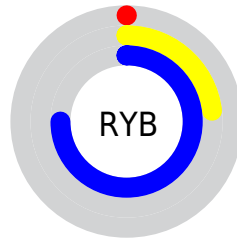
The Hex color **0054BE** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **BE6A00**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **6085F7**, and **002988** is the 20% darker color. If you saturate the color by 10%, you get **0054BE**, and if you desaturate by 10%, it is **135FBE**.

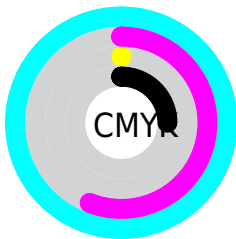
# Distribution



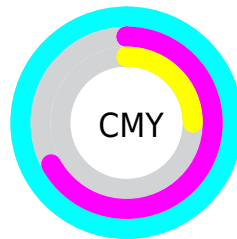
- Red (0%)
- Green (33%)
- Blue (75%)



- Red (0%)
- Yellow (23%)
- Blue (75%)



- Cyan (100%)
- Magenta (56%)
- Yellow (0%)
- Black (25%)



- Cyan (100%)
- Magenta (67%)
- Yellow (25%)

# Brightness & Saturation Gradients

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



 0054BE

 0054BE

FFFFFF

 003DA2

 6085F7

 002988

 7F9FFF

 00176D

 9DB9FF

 000254

 BCD5FF

 00063C

 DAF1FF

 000225

 F9FFFF

 00010E

 000000

 0054BE

■ 135FBE

■ 2669BE

■ 3974BE

■ 4C7EBE

■ 5F89BE

■ 7294BE

■ 859EBE

■ 98A9BE

■ ABB3BE

# Harmonies

## Analogous

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



0065C2



0054BE



83379F

# Triad

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



0054BE



A03501



006E44

# Complementary

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



0054BE



BE6A00

# 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.



006A03



0054BE



7D5000

# Square

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



0054BE



B20D3A



4E6100



006F7B

# Rectangle

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



0054BE



A21C80



4E6100



006D31



# Sweetspot

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



0054BE



ADCEF7



00BE68



50647D



FCFCFC



7D7D7D



# Same Dimension

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



0054BE



006DF7



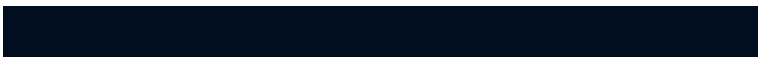
0A00BE



55595E



00469E



000E1F



# Inverse Universe

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



BE0054



F7006D



B5BE00



5E5559



9E0046



1F000E



# Previews

## White Background



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

## Color Contrast Check

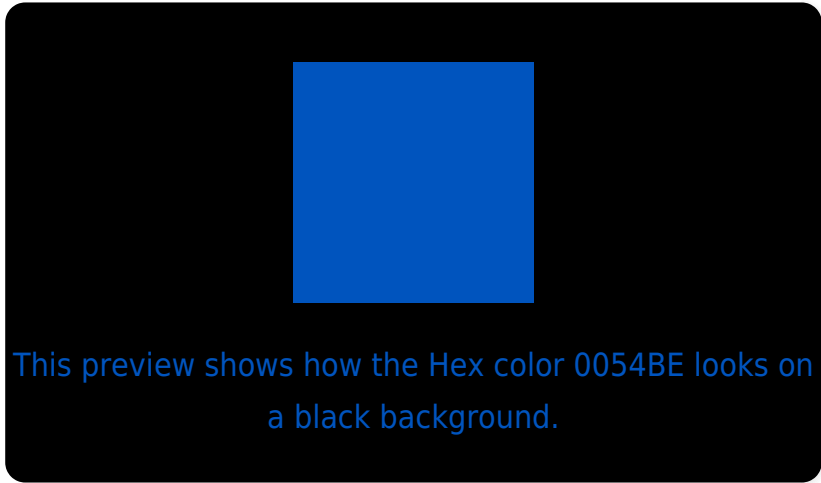
Large Text (above 18pt) WCAG AA ✓ Pass

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

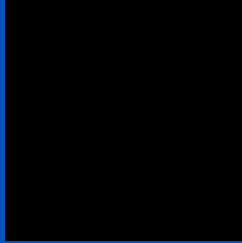
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 0054BE Background



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



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

# 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**  
0054BE

**Protanopia**  
0056B7

**Deuteranopia**  
005C9D



# Trichromacy



**Original Color**  
0054BE

**Protanomaly**  
0055BA

**Deuteranomaly**  
0059A9

**Tritanomaly**  
005E88

# Monochromacy



**Original Color**  
0054BE

**Achromatopsia**  
474747

**Achromatomaly**  
2D4C72

# CSS Examples

## Text

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

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

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 #0054BE colored shadow looks like.

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

## Border

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

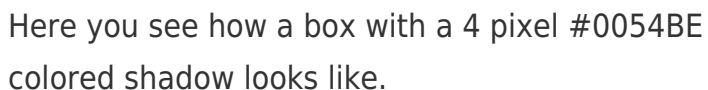
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

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

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

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

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



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

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

# Background

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

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

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

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

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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