

Converting Colors

Hex(0054BF)

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

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Color

Hex(0054BF)

Conversions

Conversions Part 1

Format	Color
Hex	0054BF
RGB	0, 84, 191
RGB Percent	0%, 33%, 75%
CMY	1.0000, 0.6706, 0.2510
CMYK	1.00, 0.56, 0.00, 0.25
HSL	214°, 100%, 37%
HSV	214°, 100%, 75%
XYZ	12.5743, 10.1022, 50.5774
YIQ	71.0820, -84.4110, 15.4690

Conversions

Conversions Part 2

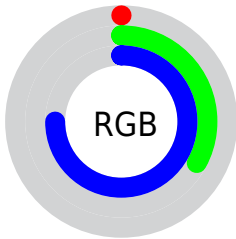
Format	Color
RYB	0, 58, 191
Decimal	21695
CIELab	38.03, 21.90, -61.74
CIELCh	38, 65.515, 289.532
Yxy	10.1022, 0.1717, 0.1379
Android (android.graphics.Color)	4278211775 (0xFF0054BF)
YUV	71.0820, 59.1196, -62.3389
Hunter-Lab	31.7840, 14.9956, -72.0984

Details

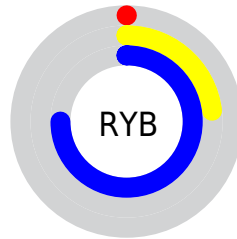
The Hex color **0054BF** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **BF6B00**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **6085F8**, and **002988** is the 20% darker color. If you saturate the color by 10%, you get **0054BF**, and if you desaturate by 10%, it is **135FBF**.

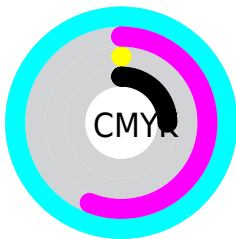
Distribution



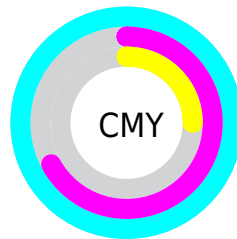
- Red (0%)
- Green (33%)
- Blue (75%)



- 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 0054BF 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 0054BF by changing the saturation by 10% instead.

 0054BF

 0054BF

FFFFFF

 003DA3

 6085F8

 002988

 7F9FFF

 00176E

 9EB9FF

 000155


 BCD5FF

 00063D

 DAF1FF

 000326

 F9FFFF

 00010F

 000000

 0054BF

 135FBF

 2669BF

 3974BF

 4C7FBF

 608ABF

 7394BF

 869FBF

 99AABF

 ACB4BF

Harmonies

Analogous

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



0066C3



0054BF



84369F

Triad

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



0054BF



A03500



006E44

Complementary

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



0054BF



BF6B00

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.



006A02



0054BF



7D5100

Square

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



0054BF



B30A3A



4D6100



00707C

Rectangle

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



0054BF



A31A80



4D6100



006D32

Sweetspot

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



0054BF



ADCEF7



00BF69



50647D



FCFCFC



7D7D7D

Same Dimension

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



0054BF



006DF7



0A00BF



55595E



00469E



000D1F

Inverse Universe

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



BF0054



F7006D



B5BF00



5E5559



9E0046



1F000D

Previews

White Background



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

Color Contrast Check

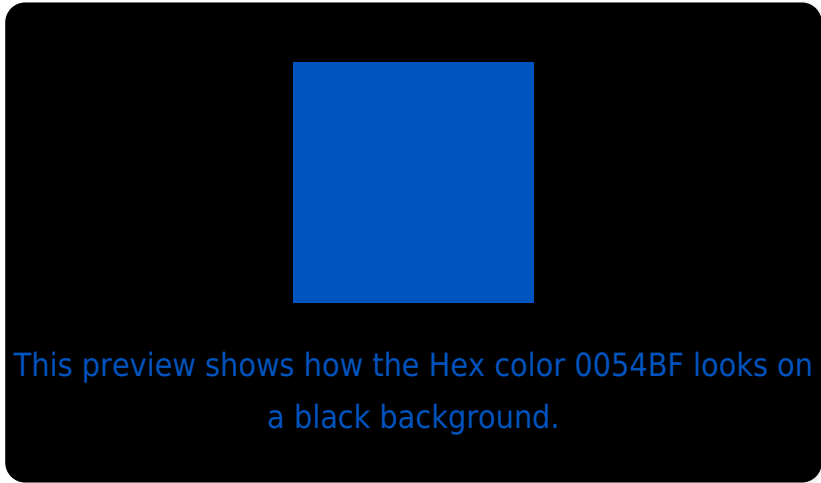
Large Text (above 18pt) WCAG AA ✓ Pass

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

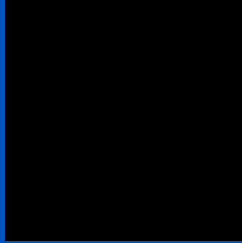
Any Text WCAG AA × Fail

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 0054BF Background



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



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

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
0054BF

Protanopia
0056B7

Deuteranopia
005C9D

Trichromacy



Original Color
0054BF

Protanomaly
0055BA

Deuteranomaly
0059A9

Monochromacy



Original Color
0054BF

Achromatopsia
474747

Achromatomaly
2D4C73

CSS Examples

Text

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

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

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 #0054BF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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