

Converting Colors

Hex(0054CC)

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

Hex(0054CC)	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(0054CC)

Conversions

Conversions Part 1

Format	Color
Hex	0054CC
RGB	0, 84, 204
RGB Percent	0%, 33%, 80%
CMY	1.0000, 0.6706, 0.2000
CMYK	1.00, 0.59, 0.00, 0.20
HSL	215°, 100%, 40%
HSV	215°, 100%, 80%
XYZ	14.0694, 10.7003, 58.4506
YIQ	72.5640, -88.5840, 19.5120

Conversions

Conversions Part 2

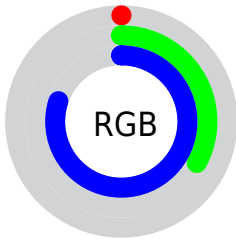
Format	Color
RYB	0, 60, 204
Decimal	21708
CIELab	39.07, 27.12, -67.59
CIELCh	39, 72.832, 291.861
Yxy	10.7003, 0.1691, 0.1286
Android (android.graphics.Color)	4278211788 (0xFF0054CC)
YUV	72.5640, 64.7979, -63.6386
Hunter-Lab	32.7113, 19.5297, -83.0452

Details

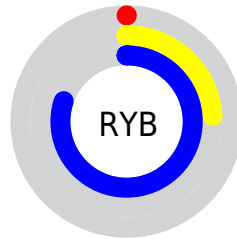
The Hex color **0054CC** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed blue. A complement of this color would be **CC7800**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **6485FF**, and **002995** is the 20% darker color. If you saturate the color by 10%, you get **0054CC**, and if you desaturate by 10%, it is **1460CC**.

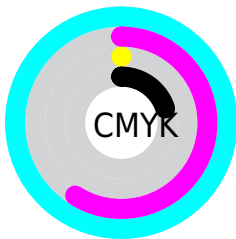
Distribution



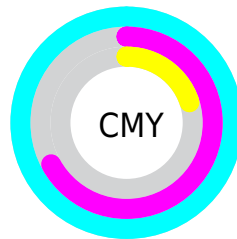
- Red (0%)
- Green (33%)
- Blue (80%)



- Red (0%)
- Yellow (24%)
- Blue (80%)



- Cyan (100%)
- Magenta (59%)
- Yellow (0%)
- Black (20%)



- Cyan (100%)
- Magenta (67%)
- Yellow (20%)

Brightness & Saturation Gradients

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

 0054CC

 0054CC

FFFFFF

 003DB0

 6485FF

 002995

 849FFF

 00177A

 A3BAFF

 000060

 C2D5FF

 000848

 E1F1FF

 000430

 00011A

 000000

 0054CC

 1460CC

 296CCC

 3D78CC

 5284CC

 6690CC

 7A9CCC

 8FA8CC

 A3B4CC

 B8C0CC

Harmonies

Analogous

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



0069D3



0054CC



902EA6

Triad

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



0054CC



A73500



007349

Complementary

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



0054CC



CC7800

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.



006F00



0054CC



7E5400

Square

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



0054CC



BE0035



486600



007487

Rectangle

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



0054CC



B00082



486600



007234

Sweetspot

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



0054CC



B3D2FF



00CC77



526480



000000



808080

Same Dimension

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



0054CC



0069FF



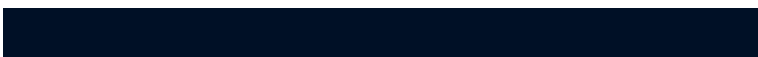
1100CC



5C6066



0044A6



001026

Inverse Universe

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



CC0054



FF0069



BBCC00



665C60



A60044



260010

Previews

White Background



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

Color Contrast Check

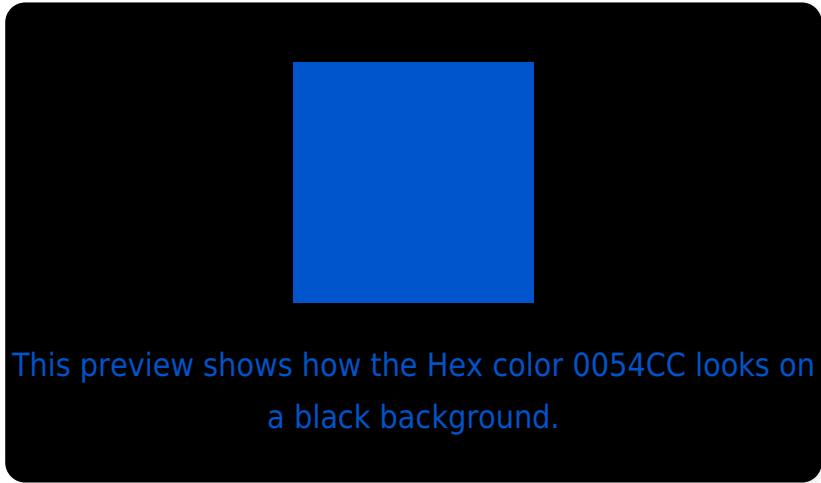
Large Text (above 18pt) WCAG AA ✓ Pass

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

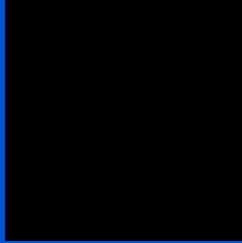
Any Text WCAG AA × Fail

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 0054CC Background



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



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

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
0054CC

Protanopia
0058BC

Deuteranopia
005EA1



Tritanopia
00666C

Trichromacy



Original Color
0054CC

Protanomaly
0057C2

Deuteranomaly
005AB1

Tritanomaly
005F8F

Monochromacy



Original Color
0054CC

Achromatopsia
494949

Achromatomaly
2E4D79

CSS Examples

Text

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

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

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 #0054CC colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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