

Converting Colors

Hex(0454CB)

Have a look what the booklet for
Hex(0454CB) contains.

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Color

Hex(0454CB)

Conversions

Conversions Part 1

Format	Color
Hex	0454CB
RGB	4, 84, 203
RGB Percent	2%, 33%, 80%
CMY	0.9843, 0.6706, 0.2039
CMYK	0.98, 0.59, 0.00, 0.20
HSL	216°, 96%, 41%
HSV	216°, 98%, 80%
XYZ	13.9999, 10.6783, 57.8231
YIQ	73.6460, -85.8790, 20.0490

Conversions

Conversions Part 2

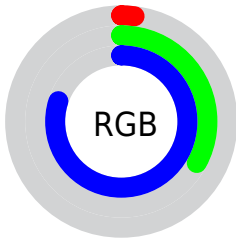
Format	Color
R_{YB}	4, 61, 203
Decimal	283851
CIE _{Lab}	39.03, 26.85, -67.08
CIE _{LCh}	39, 72.249, 291.812
Yxy	10.6783, 0.1697, 0.1294
Android (android.graphics.Color)	4278473931 (0xFF0454CB)
YUV	73.6460, 63.7715, -61.0795
Hunter-Lab	32.6776, 19.2880, -82.0396

Details

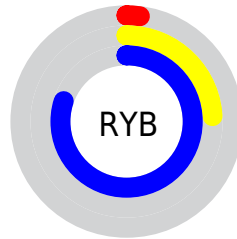
The Hex color **0454CB** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed blue. A complement of this color would be **CB7B04**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **6485FF**, and **002994** is the 20% darker color. If you saturate the color by 10%, you get **0052CB**, and if you desaturate by 10%, it is **1860CB**.

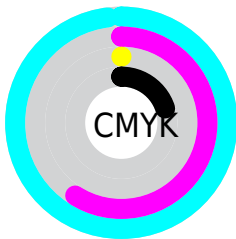
Distribution



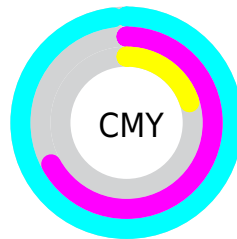
- Red (2%)
- Green (33%)
- Blue (80%)



- Red (2%)
- Yellow (24%)
- Blue (80%)



- Cyan (98%)
- Magenta (59%)
- Yellow (0%)
- Black (20%)



- Cyan (98%)
- Magenta (67%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0454CB 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 0454CB by changing the saturation by 10% instead.

■ 0454CB

■ 0454CB

FFFFFF

■ 003DAF

■ 6485FF

■ 002994

■ 849FFF

■ 001779

■ A3BAFF

■ 000060

■ C2D5FF

■ 000847

■ E1F1FF

■ 00042F

■ 00011A

■ 000000

■ 0454CB

■ 0454CB

■ 0052CB

■ 1860CB

■ 2D6CCB

■ 4178CB

■ 5585CB

■ 6A91CB

■ 7E9DCB

■ 92A9CB

■ A6B5CB

■ BBC1CB

Harmonies

Analogous

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



0069D2



0454CB



902FA6

Triad

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



0454CB



A73500



007349

Complementary

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



0454CB



CB7B04

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



0454CB



7E5400

Square

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



0454CB



BD0035



486600



007486

Rectangle

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



0454CB



AF0082



486600



007234

Sweetspot

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



0454CB



B5D3FF



04CB78



536580



000000



808080

Same Dimension

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



0454CB



0067FF



1504CB



5C6066



0043A6



000F26

Inverse Universe

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



CB0454



FF0067



BACB04



665C60



A60043



26000F

Previews

White Background



This preview shows how the Hex color 0454CB looks on a white background.

Color Contrast Check

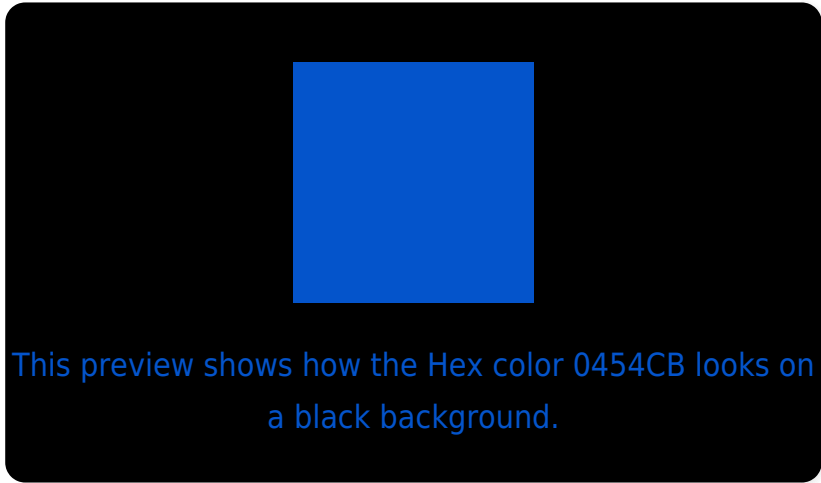
Large Text (above 18pt) WCAG AA ✓ Pass

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

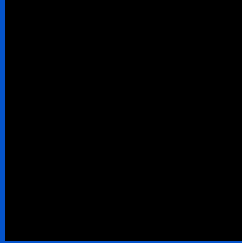
Any Text WCAG AA × Fail

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 0454CB Background



This preview shows how black text looks on a background with the Hex color 0454CB.



This preview shows how white text looks on a background with the Hex color 0454CB.

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
0454CB

Protanopia
0058BB

Deuteranopia
005EA1



Tritanopia
00666C

Trichromacy



Original Color
0454CB

Protanomaly
0157C1

Deuteranomaly
015AB0

Tritanomaly
015F8F

Monochromacy



Original Color
0454CB

Achromatopsia
4A4A4A

Achromatomaly
314E79

CSS Examples

Text

The CSS property to change the color of the text to Hex 0454CB 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 #0454CB looks like.

```
.text, #text, p{  
    color:#0454CB  
}
```

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 #0454CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0454CB
}
```

Border

The CSS property to change the border of an element to Hex 0454CB 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
#0454CB }
```

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

```
.border{ border-color:#0454CB }
```

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

Here you see how a box with a 4 pixel #0454CB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0454CB; -webkit-box-shadow:4px 4px  
4px 4px #0454CB; box-shadow:4px 4px 4px  
4px #0454CB }
```

Background

The CSS property to change the background color of an element to Hex 0454CB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0454CB }
```

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

```
.background{ background-color:#0454CB }
```

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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