

Converting Colors

Hex(4751CB)

Have a look what the booklet for
Hex(4751CB) contains.

Hex(4751CB)	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(4751CB)

Conversions

Conversions Part 1

Format	Color
Hex	4751CB
RGB	71, 81, 203
RGB Percent	28%, 32%, 80%
CMY	0.7216, 0.6824, 0.2039
CMYK	0.65, 0.60, 0.00, 0.20
HSL	235°, 56%, 54%
HSV	235°, 65%, 80%
XYZ	16.3205, 11.5362, 57.8664
YIQ	91.9180, -45.1220, 35.8220

Conversions

Conversions Part 2

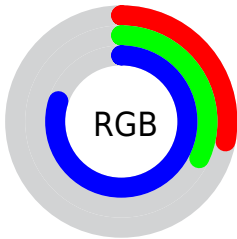
Format	Color
R_{YB}	71, 80, 203
Decimal	4673995
CIE _{Lab}	40.47, 34.51, -64.64
CIE _{LCh}	40, 73.274, 298.094
Yxy	11.5362, 0.1904, 0.1346
Android (android.graphics.Color)	4282864075 (0xFF4751CB)
YUV	91.9180, 54.7634, -18.3451
Hunter-Lab	33.9651, 26.3317, -77.2372

Details

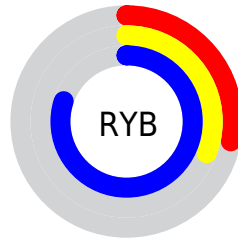
The Hex color **4751CB** is a dark color, and the websafe version is hex **6666CC**. The color can be described as dark muted blue. A complement of this color would be **CBC147**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **8582FF**, and **002594** is the 20% darker color. If you saturate the color by 10%, you get **333ECB**, and if you desaturate by 10%, it is **5B64CB**.

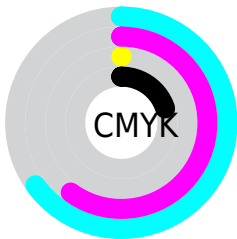
Distribution



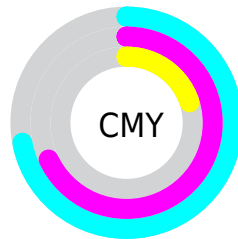
- Red (28%)
- Green (32%)
- Blue (80%)



- Red (28%)
- Yellow (31%)
- Blue (80%)



- Cyan (65%)
- Magenta (60%)
- Yellow (0%)
- Black (20%)



- Cyan (72%)
- Magenta (68%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4751CB 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 4751CB by changing the saturation by 10% instead.

■ 4751CB

■ 4751CB

FFFFFF

■ 203AAF

■ 8582FF

■ 002594

■ A39CFF

■ 001179

■ C0B7FF

■ 000060

■ DED3FF

■ 000847

■ FDEFFF

■ 00042F

■ 00011A

■ 000000

■ 4751CB

■ 4751CB

■ 333ECB

■ 5B64CB

■ 1E2BCB

■ 7077CB

■ 0A19CB

■ 8489CB

■ 000FCB

■ 989CCB

■ ADAFCB

■ C1C2CB

■ D5D4CB

■ E9E7CB

■ FEFACB

Harmonies

Analogous

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



0069D9



4751CB



A127A0

Triad

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



4751CB



A44000



00775A

Complementary

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



4751CB



CBC147

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.



007416



4751CB



785C00

Square

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



4751CB



C0082B



3C6C00



007897

Rectangle

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



4751CB



BB007A



3C6C00



007644

Sweetspot

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



4751CB



CCD0FF



47CBC0



616380



000000



808080

Same Dimension

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



4751CB



3847FF



7E47CB



5C5D66



000DA6



000326

Inverse Universe

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



CB4751



FF3847



94CB47



665C5D



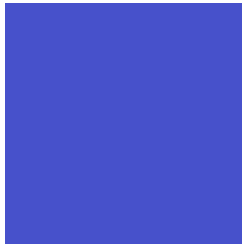
A6000D



260003

Previews

White Background



This preview shows how the Hex color 4751CB looks on a white background.

Color Contrast Check

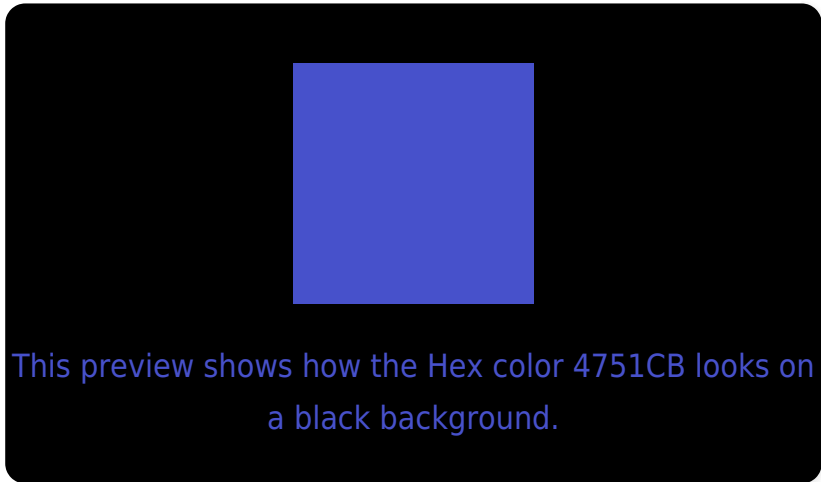
Large Text (above 18pt) WCAG AA ✓ Pass

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

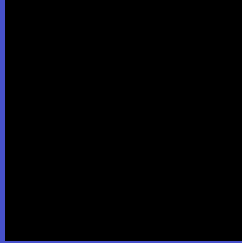
Any Text WCAG AA × Fail

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 4751CB Background



This preview shows how black text looks on a background with the Hex color 4751CB.



This preview shows how white text looks on a background with the Hex color 4751CB.

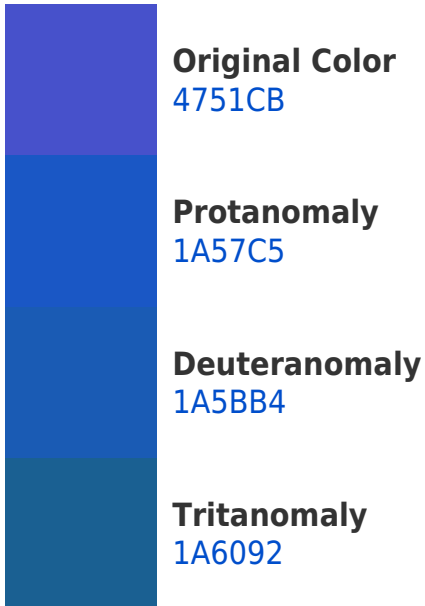
Color Blindness Simulation

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](#).

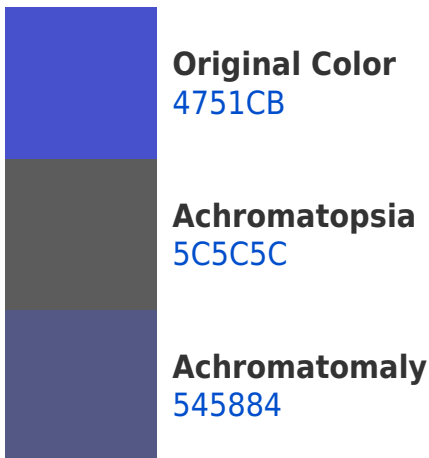
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4751CB 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 #4751CB looks like.

```
.text, #text, p{  
    color:#4751CB  
}
```

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 #4751CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4751CB
}
```

Border

The CSS property to change the border of an element to Hex 4751CB 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
#4751CB }
```

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

```
.border{ border-color:#4751CB }
```

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

Here you see how a box with a 4 pixel #4751CB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4751CB; -webkit-box-shadow:4px 4px  
4px 4px #4751CB; box-shadow:4px 4px 4px  
4px #4751CB }
```

Background

The CSS property to change the background color of an element to Hex 4751CB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4751CB }
```

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

```
.background{ background-color:#4751CB }
```

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