

Converting Colors

Hex(4B57CA)

Have a look what the booklet for
Hex(4B57CA) contains.

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Color

Hex(4B57CA)

Conversions

Conversions Part 1

Format	Color
Hex	4B57CA
RGB	75, 87, 202
RGB Percent	29%, 34%, 79%
CMY	0.7059, 0.6588, 0.2078
CMYK	0.63, 0.57, 0.00, 0.21
HSL	234°, 55%, 54%
HSV	234°, 63%, 79%
XYZ	16.9705, 12.5765, 57.4102
YIQ	96.5220, -44.0670, 33.2210

Conversions

Conversions Part 2

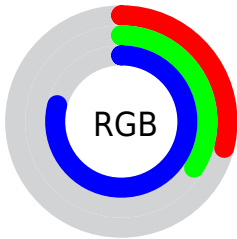
Format	Color
R_{YB}	75, 86, 202
Decimal	4937674
CIE _{Lab}	42.12, 31.04, -61.37
CIE _{LCh}	42, 68.774, 296.830
Yxy	12.5765, 0.1952, 0.1446
Android (android.graphics.Color)	4283127754 (0xFF4B57CA)
YUV	96.5220, 52.0007, -18.8748
Hunter-Lab	35.4634, 23.3578, -71.1577

Details

The Hex color **4B57CA** 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 **CABE4B**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **8889FF**, and **002A93** is the 20% darker color. If you saturate the color by 10%, you get **3745CA**, and if you desaturate by 10%, it is **5F69CA**.

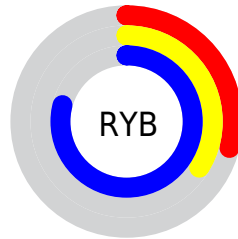
Distribution



Red (29%)

Green (34%)

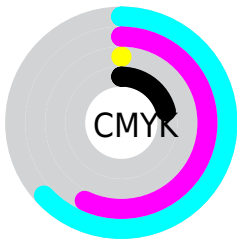
Blue (79%)



Red (29%)

Yellow (34%)

Blue (79%)

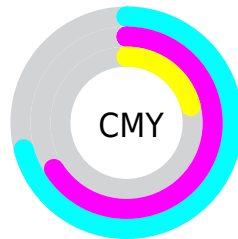


Cyan (63%)

Magenta (57%)

Yellow (0%)

Black (21%)



Cyan (71%)

Magenta (66%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B57CA 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 4B57CA by changing the saturation by 10% instead.

 4B57CA

 4B57CA

FFFFFF

 2740AE


 8889FF

 002A93

 A5A3FF

 001678

 C3BEFF

 00005F

 E1DAFF

 000846

 FFF6FF

 00042F

 000119

 000000

 4B57CA

 4B57CA

■ 3745CA

■ 5F69CA

■ 2332CA

■ 737CCA

■ 0E20CA

■ 888ECA

■ 0013CA

■ 9CA0CA

■ B0B2CA

■ C4C5CA

■ D8D7CA

■ EDE9CA

■ FFFCCA

Harmonies

Analogous

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



006DD6



4B57CA



A035A2

Triad

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



4B57CA



A84500



007B5B

Complementary

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



4B57CA



CABE4B

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.



00771E



4B57CA



7F5F00

Square

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



4B57CA



C12034



476F00



007B95

Rectangle

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



4B57CA



BA187F



476F00



007A47

Sweetspot

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



4B57CA



CFD3FF



4BCABD



626580



000000



808080

Same Dimension

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



4B57CA



4052FF



7E4BCA



5C5D66



0010A6



000426

Inverse Universe

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



CA4B57



FF4052



97CA4B



665C5D



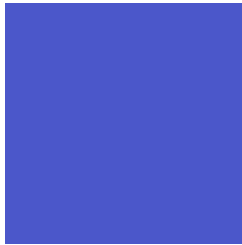
A60010



260004

Previews

White Background



This preview shows how the Hex color 4B57CA looks on a white background.

Color Contrast Check

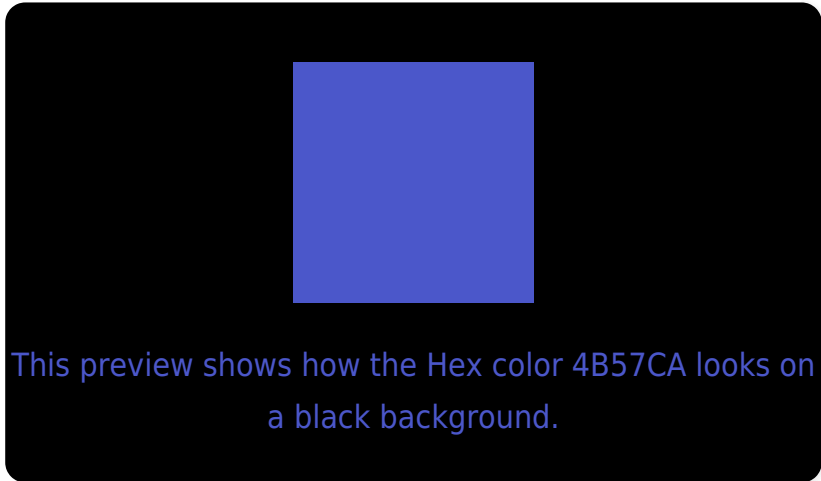
Large Text (above 18pt) WCAG AA ✓ Pass

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

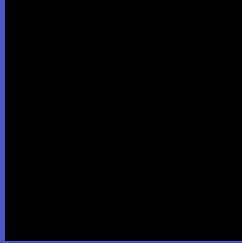
Any Text WCAG AA × Fail

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 4B57CA Background



This preview shows how black text looks on a background with the Hex color 4B57CA.

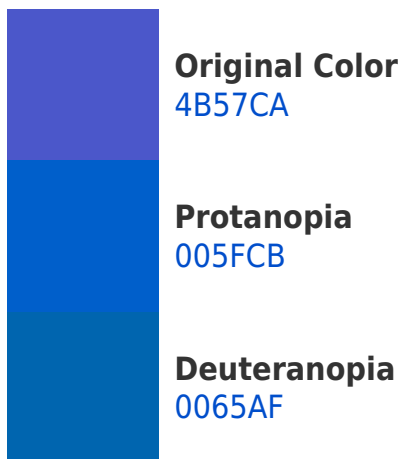


This preview shows how white text looks on a background with the Hex color 4B57CA.

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](#).

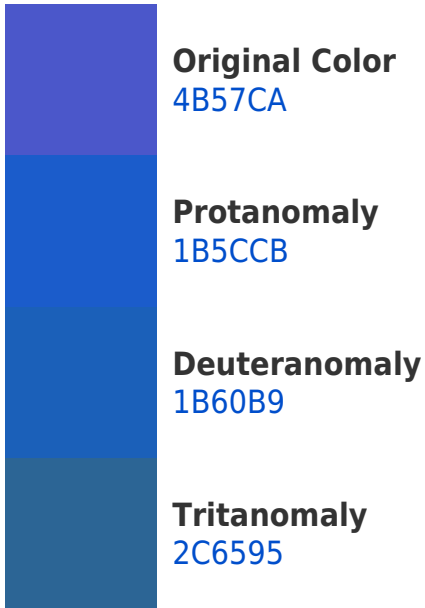
Dichromacy



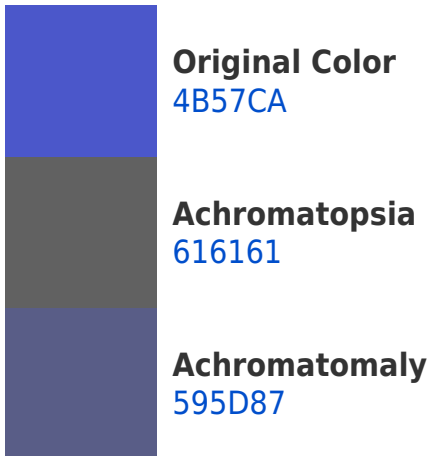


Tritanopia
1B6D76

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4B57CA 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 #4B57CA looks like.

```
.text, #text, p{  
    color:#4B57CA  
}
```

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 #4B57CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B57CA
}
```

Border

The CSS property to change the border of an element to Hex 4B57CA 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
#4B57CA }
```

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

```
.border{ border-color:#4B57CA }
```

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

Here you see how a box with a 4 pixel #4B57CA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B57CA; -webkit-box-shadow:4px 4px  
4px 4px #4B57CA; box-shadow:4px 4px 4px  
4px #4B57CA }
```

Background

The CSS property to change the background color of an element to Hex 4B57CA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B57CA }
```

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

```
.background{ background-color:#4B57CA }
```

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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