

Converting Colors

Hex(4B45C0)

Have a look what the booklet for
Hex(4B45C0) contains.

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Color

Hex(4B45C0)

Conversions

Conversions Part 1

Format	Color
Hex	4B45C0
RGB	75, 69, 192
RGB Percent	29%, 27%, 75%
CMY	0.7059, 0.7294, 0.2471
CMYK	0.61, 0.64, 0.00, 0.25
HSL	243°, 49%, 51%
HSV	243°, 64%, 75%
XYZ	14.5442, 9.5579, 50.9475
YIQ	84.8160, -35.9070, 39.5250

Conversions

Conversions Part 2

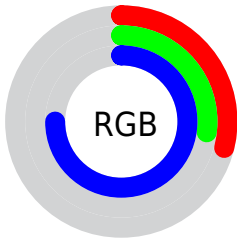
Format	Color
R _Y B	75, 69, 192
Decimal	4933056
CIE Lab	37.04, 38.83, -63.83
CIE LCh	37, 74.709, 301.315
Yxy	9.5579, 0.1938, 0.1274
Android (android.graphics.Color)	4283123136 (0xFF4B45C0)
YUV	84.8160, 52.8417, -8.6086
Hunter-Lab	30.9158, 29.8719, -76.0654

Details

The Hex color **4B45C0** is a dark color, and the websafe version is hex **333399**. The color can be described as dark muted blue. A complement of this color would be **BAC045**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **8776F9**, and **001989** is the 20% darker color. If you saturate the color by 10%, you get **3932C0**, and if you desaturate by 10%, it is **5D58C0**.

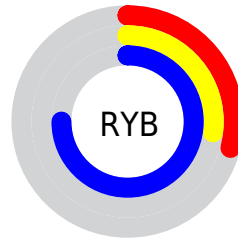
Distribution



Red (29%)

Green (27%)

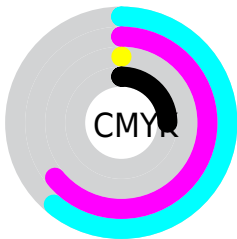
Blue (75%)



Red (29%)

Yellow (27%)

Blue (75%)

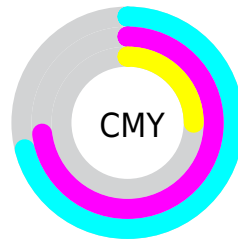


Cyan (61%)

Magenta (64%)

Yellow (0%)

Black (25%)



Cyan (71%)

Magenta (73%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B45C0 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 4B45C0 by changing the saturation by 10% instead.

 4B45C0

 4B45C0


FFFFFF

 282EA4

 8776F9

 001989

 A490FF

 00056F

 C2AFFF

 000056

 E0C6FF

 00063D

 FEE2FF

 000327

 000110

 000000

 4B45C0

 4B45C0

■ 3932C0

■ 5D58C0

■ 261FC0

■ 706BC0

■ 140BC0

■ 827FC0

■ 0900C0

■ 9492C0

■ A6A5C0

■ B9B8C0

■ CBCBC0

■ DDDFC0

■ EFF2C0

Harmonies

Analogous

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



005FD2



4B45C0



9E0B92

Triad

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



4B45C0



973A00



006E58

Complementary

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



4B45C0



BAC045

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.



006B14



4B45C0



695600

Square

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



4B45C0



B5001D



286500



006F95

Rectangle

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



4B45C0



B5006B



286500



006E43

Sweetspot

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



4B45C0



CDCAFA



45BCC0



62607D



FCFCFC



7D7D7D

Same Dimension

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



4B45C0



4339FA



8745C0



585761



0800A1



020021

Inverse Universe

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



C045BA



FA39F1



7EC045



615760



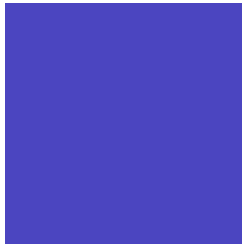
A10099



210020

Previews

White Background



This preview shows how the Hex color 4B45C0 looks on a white background.

Color Contrast Check

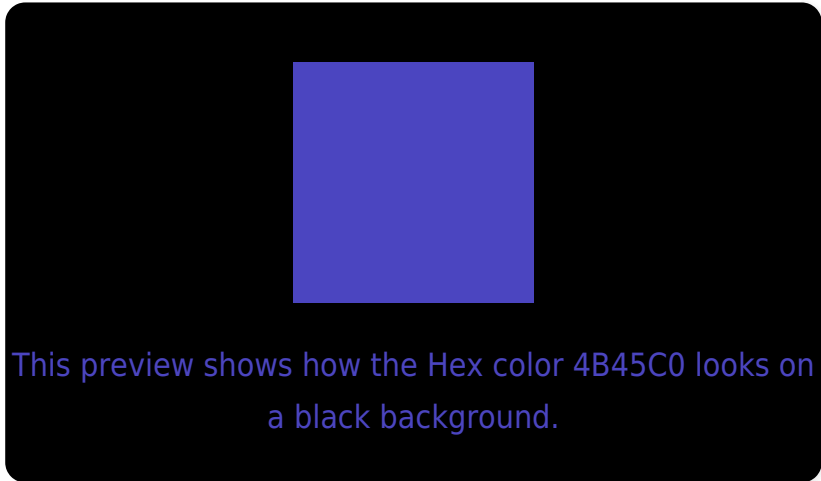
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

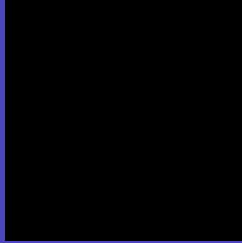
Any Text WCAG AA × Fail

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 4B45C0 Background



This preview shows how black text looks on a background with the Hex color 4B45C0.

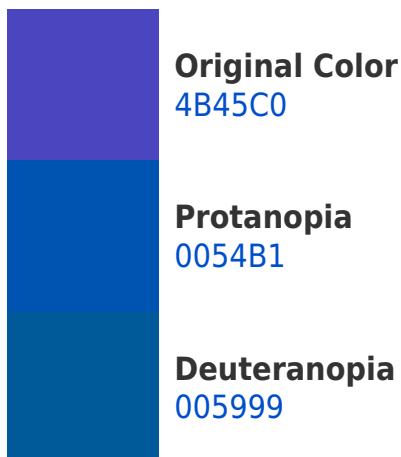


This preview shows how white text looks on a background with the Hex color 4B45C0.

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](#).

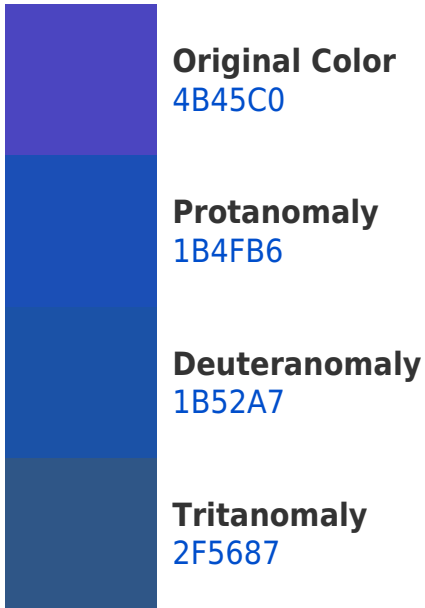
Dichromacy



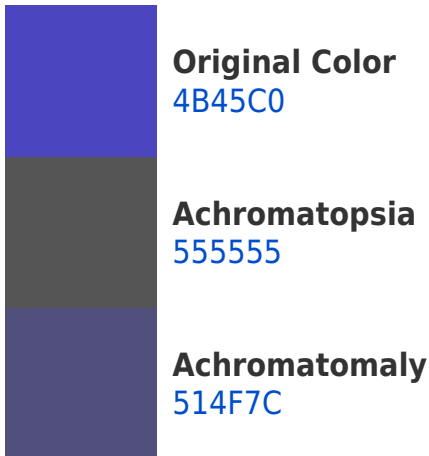


Tritanopia
1F5F67

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4B45C0 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 #4B45C0 looks like.

```
.text, #text, p{  
    color:#4B45C0  
}
```

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 #4B45C0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B45C0
}
```

Border

The CSS property to change the border of an element to Hex 4B45C0 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
#4B45C0 }
```

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

```
.border{ border-color:#4B45C0 }
```

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

Here you see how a box with a 4 pixel #4B45C0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B45C0; -webkit-box-shadow:4px 4px  
4px 4px #4B45C0; box-shadow:4px 4px 4px  
4px #4B45C0 }
```

Background

The CSS property to change the background color of an element to Hex 4B45C0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B45C0 }
```

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

```
.background{ background-color:#4B45C0 }
```

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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