

# Converting Colors

Hex(4C59BD)

Have a look what the booklet for  
Hex(4C59BD) contains.

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# Color

**Hex(4C59BD)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4C59BD
RGB	76, 89, 189
RGB Percent	30%, 35%, 74%
CMY	0.7020, 0.6510, 0.2588
CMYK	0.60, 0.53, 0.00, 0.26
HSL	233°, 46%, 52%
HSV	233°, 60%, 74%
XYZ	15.7382, 12.3554, 49.6994
YIQ	96.5130, -39.8480, 28.3440

# Conversions

## Conversions Part 2

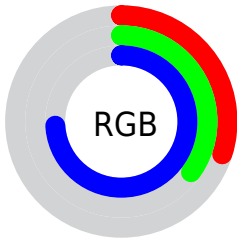
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	76, 88, 189
Decimal	5003709
CIE <sub>Lab</sub>	41.78, 25.53, -54.38
CIE <sub>LCh</sub>	42, 60.073, 295.151
Yxy	12.3554, 0.2023, 0.1588
Android (android.graphics.Color)	4283193789 (0xFF4C59BD)
YUV	96.5130, 45.5961, -17.9899
Hunter-Lab	35.1502, 18.4088, -59.2259

# Details

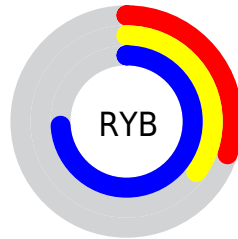
The Hex color **4C59BD** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **BDB04C**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **868BF6**, and **002C87** is the 20% darker color. If you saturate the color by 10%, you get **3948BD**, and if you desaturate by 10%, it is **5F6ABD**.

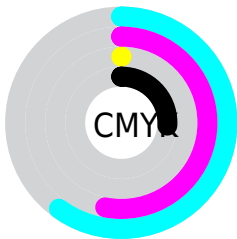
# Distribution



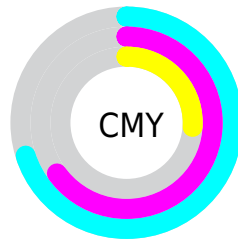
- Red (30%)
- Green (35%)
- Blue (74%)



- Red (30%)
- Yellow (35%)
- Blue (74%)



- Cyan (60%)
- Magenta (53%)
- Yellow (0%)
- Black (26%)



- Cyan (70%)
- Magenta (65%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4C59BD 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 4C59BD by changing the saturation by 10% instead.



 4C59BD

 4C59BD

FFFFFF

 2B42A2

 868BF6

 002C87

 A3A5FF

 00186D

 C0C0FF

 000054

 DEDCFF

 00063C

 FBF8FF

 000225

 00010E

 000000

 4C59BD

 4C59BD

■ 3948BD

■ 5F6ABD

■ 2638BD

■ 727ABD

■ 1327BD

■ 858BBD

■ 0016BD

■ 989CBD

■ ABADB

■ BDBDB

■ D0CEBD

■ E3DFBD

■ F6F0BD

# Harmonies

## Analogous

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



006BC6



4C59BD



953F9C

# Triad

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



4C59BD



A24809



007859

# Complementary

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



4C59BD



BDB04C

# 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.



007425



4C59BD



7E5E00

# Square

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



4C59BD



B72F3C



4F6C00



00788B

# Rectangle

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



4C59BD



AD2E7D



4F6C00



007747



# Sweetspot

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



4C59BD



C9CEF5



4CBDB0



5F637A



FAFAFA



7A7A7A



# Same Dimension

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



4C59BD



4559F5



774CBD



55565E



00129E



00041F



# Inverse Universe

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



BD4C59



F54559



92BD4C



5E5556



9E0012

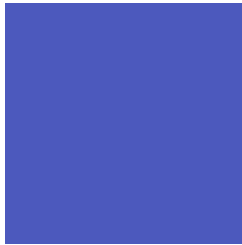


1F0004



# Previews

## White Background



This preview shows how the Hex color 4C59BD looks on a white background.

## Color Contrast Check

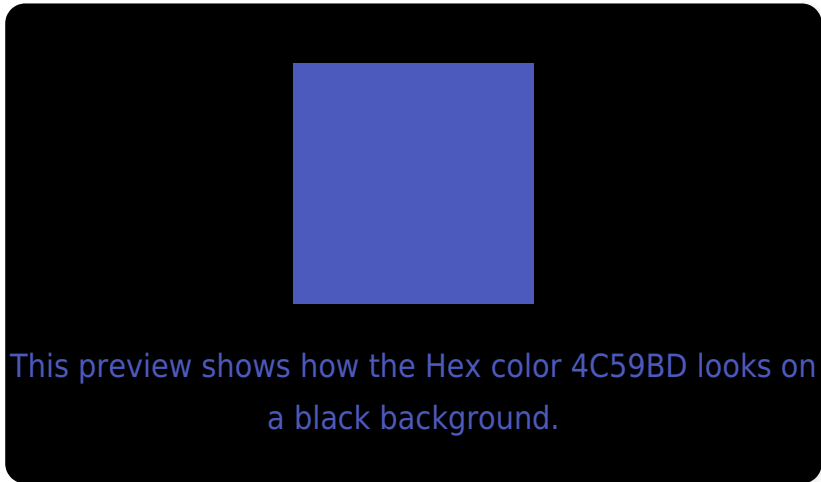
Large Text (above 18pt) WCAG AA ✓ Pass

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

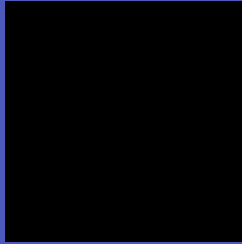
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4C59BD Background



This preview shows how black text looks on a background with the Hex color 4C59BD.

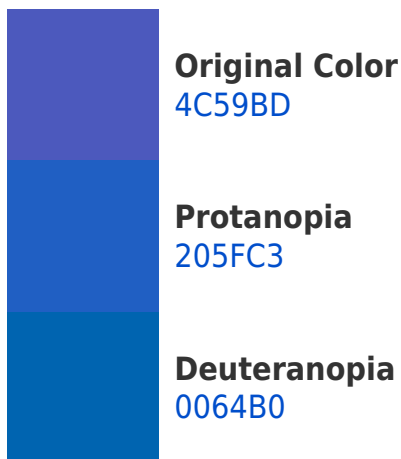


This preview shows how white text looks on a background with the Hex color 4C59BD.

# 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](#).

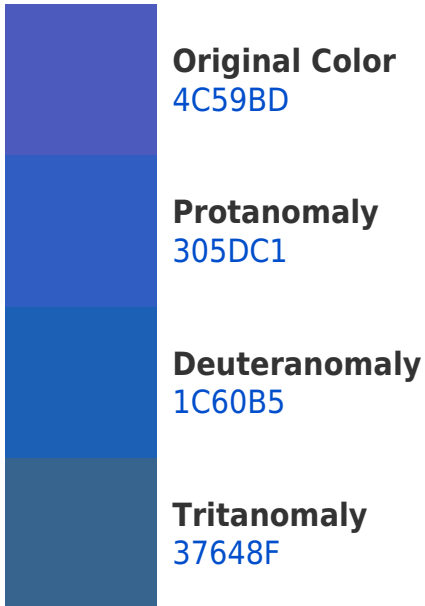
## Dichromacy



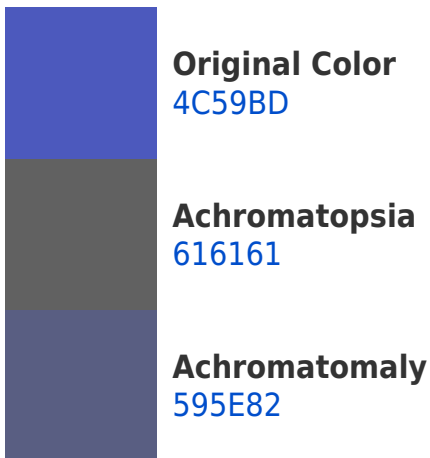


**Tritanopia**  
2B6B74

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4C59BD 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 #4C59BD looks like.

```
.text, #text, p{  
    color:#4C59BD  
}
```

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 #4C59BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C59BD
}
```

## Border

The CSS property to change the border of an element to Hex 4C59BD 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
#4C59BD }
```

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

```
.border{ border-color:#4C59BD }
```

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

Here you see how a box with a 4 pixel #4C59BD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C59BD; -webkit-box-shadow:4px 4px  
4px 4px #4C59BD; box-shadow:4px 4px 4px  
4px #4C59BD }
```

# Background

The CSS property to change the background color of an element to Hex 4C59BD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C59BD }
```

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

```
.background{ background-color:#4C59BD }
```

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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