

# Converting Colors

Hex(4B59AC)

Have a look what the booklet for  
Hex(4B59AC) contains.

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# Color

Hex(4B59AC)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4B59AC
RGB	75, 89, 172
RGB Percent	29%, 35%, 67%
CMY	0.7059, 0.6510, 0.3255
CMYK	0.56, 0.48, 0.00, 0.33
HSL	231°, 39%, 48%
HSV	231°, 56%, 67%
XYZ	13.9204, 11.6192, 40.5388
YIQ	94.2760, -34.9870, 22.8450

# Conversions

## Conversions Part 2

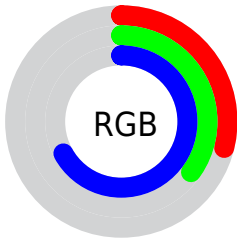
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	75, 87, 172
Decimal	4938156
CIE <sub>Lab</sub>	40.60, 19.57, -46.29
CIE <sub>LCh</sub>	41, 50.254, 292.922
Yxy	11.6192, 0.2107, 0.1758
Android (android.graphics.Color)	4283128236 (0xFF4B59AC)
YUV	94.2760, 38.3179, -16.9051
Hunter-Lab	34.0869, 13.2438, -46.6514

# Details

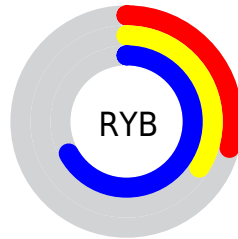
The Hex color **4B59AC** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **AC9E4B**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **838BE4**, and **012C77** is the 20% darker color. If you saturate the color by 10%, you get **3A4AAC**, and if you desaturate by 10%, it is **5C68AC**.

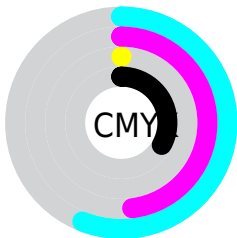
# Distribution



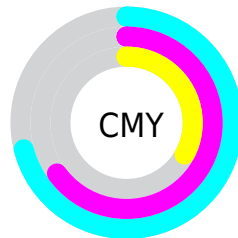
- Red (29%)
- Green (35%)
- Blue (67%)



- Red (29%)
- Yellow (34%)
- Blue (67%)



- Cyan (56%)
- Magenta (48%)
- Yellow (0%)
- Black (33%)



- Cyan (71%)
- Magenta (65%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4B59AC 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 4B59AC by changing the saturation by 10% instead.



■ 4B59AC

FFFFFF

■ 838BE4

■ 9FA5FF

■ BBC0FF

■ D8DCFF

■ F6F8FF

■ 4B59AC

■ 3A4AAC

■ 4B59AC

■ 2D4291

■ 012C77

■ 00185E

■ 000046

■ 00042E

■ 000119

■ 000000

■ 4B59AC

■ 5C68AC

■ 293CAC

■ 6D76AC

■ 172DAC

■ 7F85AC

■ 061EAC

■ 9094AC

■ 0019AC

■ A1A3AC

■ B2B1AC

■ C3C0AC

■ D5CFAC

■ E6DDAC

# Harmonies

## Analogous

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



0067B2



4B59AC



884692

# Triad

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



4B59AC



99491D



007254

# Complementary

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



4B59AC



AC9E4B

# 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.



196E2B



4B59AC



7C5A00

# Square

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



4B59AC



A83942



556702



00737F

# Rectangle

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



4B59AC



9D3A79



556702



007146



# Sweetspot

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



4B59AC



BAC0E0



4BAC9D



5A5D70



F0F0F0



707070



# Same Dimension

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



4B59AC



485EE0



6D4BAC



4E4F57



001696



000317



# Inverse Universe

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



AC4B59



E0485E



8AAC4B



574E4F



960016

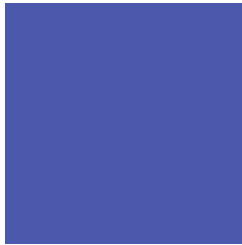


170003



# Previews

## White Background



This preview shows how the Hex color 4B59AC looks on a white background.

## Color Contrast Check

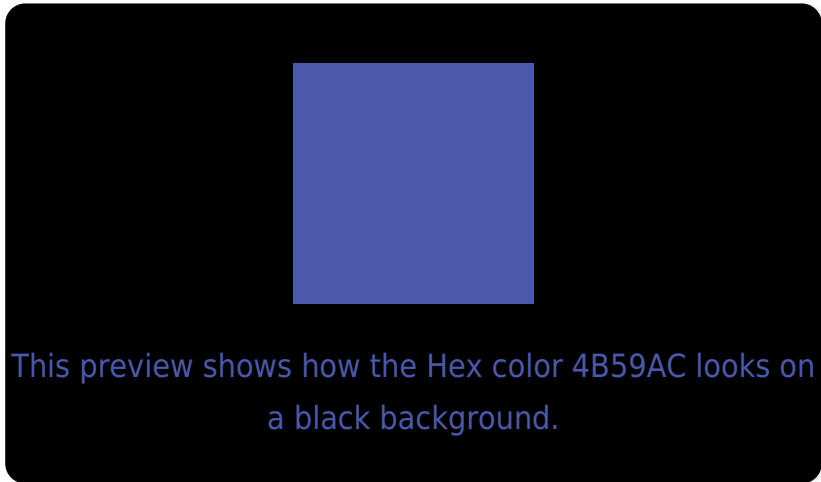
Large Text (above 18pt) WCAG AA ✓ Pass

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

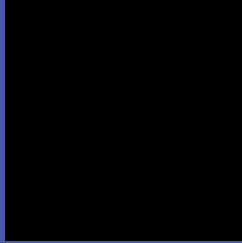
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4B59AC Background



This preview shows how black text looks on a background with the Hex color 4B59AC.

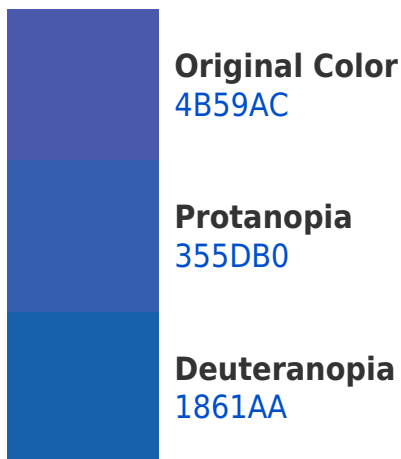


This preview shows how white text looks on a background with the Hex color 4B59AC.

# 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](#).

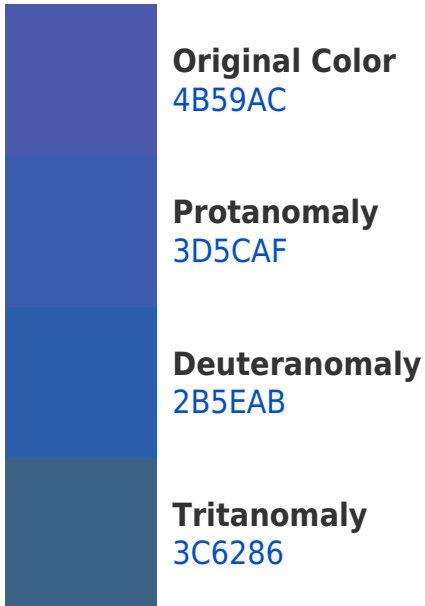
## Dichromacy



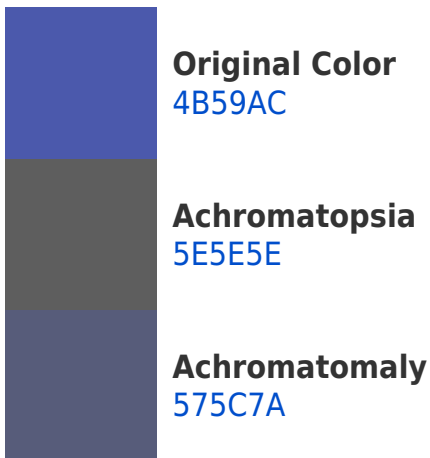


**Tritanopia**  
346770

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4B59AC 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 #4B59AC looks like.

```
.text, #text, p{  
    color:#4B59AC  
}
```

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 #4B59AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B59AC
}
```

## Border

The CSS property to change the border of an element to Hex 4B59AC 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
#4B59AC }
```

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

```
.border{ border-color:#4B59AC }
```

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

Here you see how a box with a 4 pixel #4B59AC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B59AC; -webkit-box-shadow:4px 4px  
4px 4px #4B59AC; box-shadow:4px 4px 4px  
4px #4B59AC }
```

# Background

The CSS property to change the background color of an element to Hex 4B59AC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B59AC }
```

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

```
.background{ background-color:#4B59AC }
```

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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