

Converting Colors

Hex(4C59BE)

Have a look what the booklet for
Hex(4C59BE) contains.

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Color

Hex(4C59BE)

Conversions

Conversions Part 1

Format	Color
Hex	4C59BE
RGB	76, 89, 190
RGB Percent	30%, 35%, 75%
CMY	0.7020, 0.6510, 0.2549
CMYK	0.60, 0.53, 0.00, 0.25
HSL	233°, 47%, 52%
HSV	233°, 60%, 75%
XYZ	15.8471, 12.3990, 50.2732
YIQ	96.6270, -40.1690, 28.6550

Conversions

Conversions Part 2

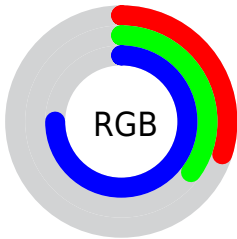
Format	Color
R_{YB}	76, 88, 190
Decimal	5003710
CIE Lab	41.84, 25.87, -54.85
CIE LCh	42, 60.646, 295.251
Yxy	12.3990, 0.2018, 0.1579
Android (android.graphics.Color)	4283193790 (0xFF4C59BE)
YUV	96.6270, 46.0329, -18.0899
Hunter-Lab	35.2122, 18.7121, -60.0012

Details

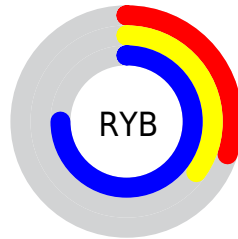
The Hex color **4C59BE** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **BEB14C**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **868BF7**, and **002C88** is the 20% darker color. If you saturate the color by 10%, you get **3948BE**, and if you desaturate by 10%, it is **5F6ABE**.

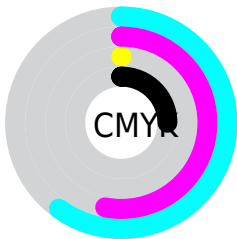
Distribution



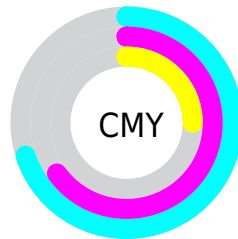
- Red (30%)
- Green (35%)
- Blue (75%)



- Red (30%)
- Yellow (35%)
- Blue (75%)



- Cyan (60%)
- Magenta (53%)
- Yellow (0%)
- Black (25%)



- Cyan (70%)
- Magenta (65%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C59BE 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 4C59BE by changing the saturation by 10% instead.

■ 4C59BE

■ 4C59BE

FFFFFF

■ 2B42A2

■ 868BF7

■ 002C88

■ A3A5FF

■ 00186E

■ C0C0FF

■ 000055

■ DEDCFF

■ 00063D

■ FCF9FF

■ 000226

■ 00010F

■ 000000

■ 4C59BE

■ 4C59BE

■ 3948BE

■ 5F6ABE

■ 2637BE

■ 727BBE

■ 1327BE

■ 858CBE

■ 0016BE

■ 989CBE

■ ABADBE

■ BEBEBE

■ D1CFBE

■ E4E0BE

■ F7F0BE

Harmonies

Analogous

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



006BC7



4C59BE



963F9C

Triad

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



4C59BE



A34807



007859

Complementary

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



4C59BE



BEB14C

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.



007424



4C59BE



7F5E00

Square

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



4C59BE



B72E3C



4F6C00



00798C

Rectangle

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



4C59BE



AE2D7D



4F6C00



007747

Sweetspot

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



4C59BE



CBD0F7



4CBEB1



61657D



FCFCFC



7D7D7D

Same Dimension

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



4C59BE



455AF7



784CBE



55565E



00129E



00031F

Inverse Universe

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



BE4C59



F7455A



92BE4C



5E5556



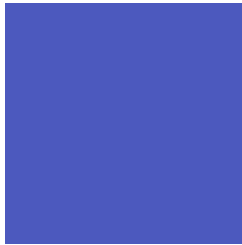
9E0012



1F0003

Previews

White Background



This preview shows how the Hex color 4C59BE looks on a white background.

Color Contrast Check

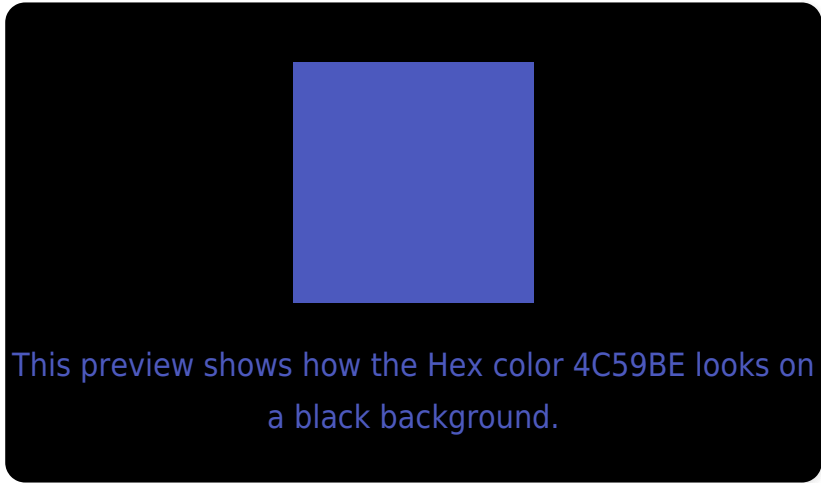
Large Text (above 18pt) WCAG AA ✓ Pass

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

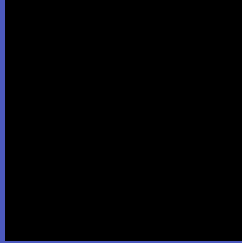
Any Text WCAG AA × Fail

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 4C59BE Background



This preview shows how black text looks on a background with the Hex color 4C59BE.



This preview shows how white text looks on a background with the Hex color 4C59BE.

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](#).

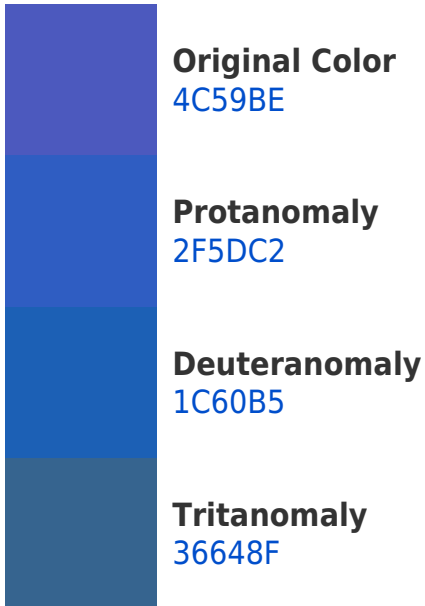
Dichromacy





Tritanopia
2A6B74

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4C59BE 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 #4C59BE looks like.

```
.text, #text, p{  
    color:#4C59BE  
}
```

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 #4C59BE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C59BE
}
```

Border

The CSS property to change the border of an element to Hex 4C59BE 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
#4C59BE }
```

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

```
.border{ border-color:#4C59BE }
```

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

Here you see how a box with a 4 pixel #4C59BE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C59BE; -webkit-box-shadow:4px 4px  
4px 4px #4C59BE; box-shadow:4px 4px 4px  
4px #4C59BE }
```

Background

The CSS property to change the background color of an element to Hex 4C59BE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C59BE }
```

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

```
.background{ background-color:#4C59BE }
```

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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