

Converting Colors

Hex(4C5BBA)

Have a look what the booklet for
Hex(4C5BBA) contains.

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Color

Hex(4C5BBA)

Conversions

Conversions Part 1

Format	Color
Hex	4C5BBA
RGB	76, 91, 186
RGB Percent	30%, 36%, 73%
CMY	0.7020, 0.6431, 0.2706
CMYK	0.59, 0.51, 0.00, 0.27
HSL	232°, 44%, 51%
HSV	232°, 59%, 73%
XYZ	15.5845, 12.5638, 48.0580
YIQ	97.3450, -39.4350, 26.3650

Conversions

Conversions Part 2

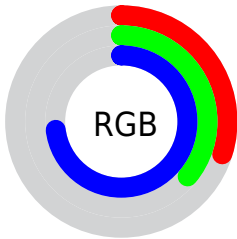
Format	Color
R_{YB}	76, 89, 186
Decimal	5004218
CIE _{Lab}	42.10, 23.24, -52.11
CIE _{LCh}	42, 57.055, 294.039
Yxy	12.5638, 0.2045, 0.1649
Android (android.graphics.Color)	4283194298 (0xFF4C5BBA)
YUV	97.3450, 43.7069, -18.7196
Hunter-Lab	35.4455, 16.4523, -55.5752

Details

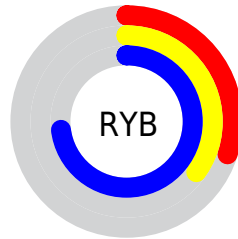
The Hex color **4C5BBA** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **BAAB4C**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **868DF3**, and **002E84** is the 20% darker color. If you saturate the color by 10%, you get **394BBA**, and if you desaturate by 10%, it is **5F6BBA**.

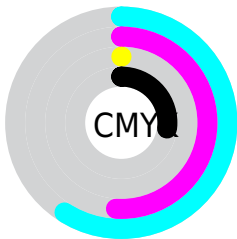
Distribution



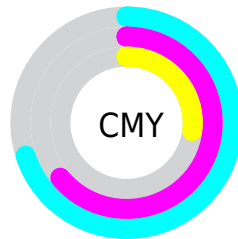
- Red (30%)
- Green (36%)
- Blue (73%)



- Red (30%)
- Yellow (35%)
- Blue (73%)



- Cyan (59%)
- Magenta (51%)
- Yellow (0%)
- Black (27%)



- Cyan (70%)
- Magenta (64%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C5BBA 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 4C5BBA by changing the saturation by 10% instead.

 4C5BBA

 4C5BBA

FFFFFF

 2C449F

 868DF3

 002E84

 A2A7FF

 001A6A

 BFC2FF

 000051

 DDDEFF

 000539

 FAFBFF

 000223

 00000A

 000000

 4C5BBA

 4C5BBA

■ 394BBA

■ 5F6BBA

■ 273BBA

■ 717BBA

■ 142BBA

■ 848BBA

■ 021BBA

■ 969BBA

■ 0019BA

■ A9ABBA

■ BCBBBA

■ CECBBA

■ E1DCBA

■ F3ECBA

Harmonies

Analogous

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



006CC2



4C5BBA



92439B

Triad

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



4C5BBA



A24A13



007858

Complementary

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



4C5BBA



BAAB4C

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.



007427



4C5BBA



805E00

Square

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



4C5BBA



B43440



546C00



007888

Rectangle

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



4C5BBA



AA347E



546C00



007748

Sweetspot

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



4C5BBA



C7CDF2



4CBAA9



5F637A



FAFAFA



7A7A7A

Same Dimension

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



4C5BBA



465EF2



724CBA



53545C



00159C



00041C

Inverse Universe

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



BA4C5B



F2465E



93BA4C



5C5354



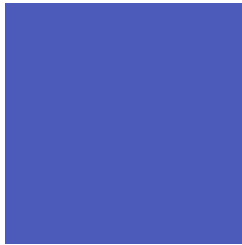
9C0015



1C0004

Previews

White Background



This preview shows how the Hex color 4C5BBA looks on a white background.

Color Contrast Check

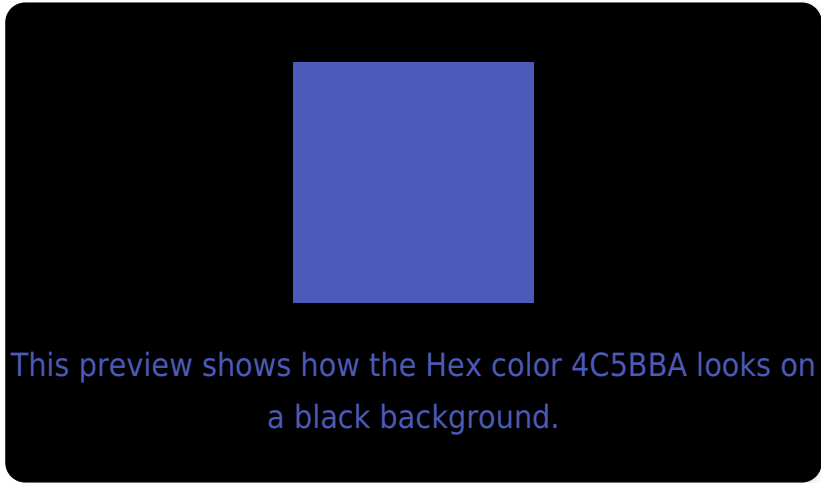
Large Text (above 18pt) WCAG AA ✓ Pass

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

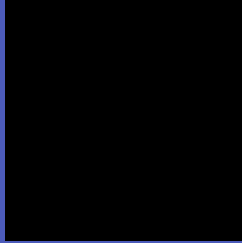
Any Text WCAG AA × Fail

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 4C5BBA Background



This preview shows how black text looks on a background with the Hex color 4C5BBA.



This preview shows how white text looks on a background with the Hex color 4C5BBA.

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](#).

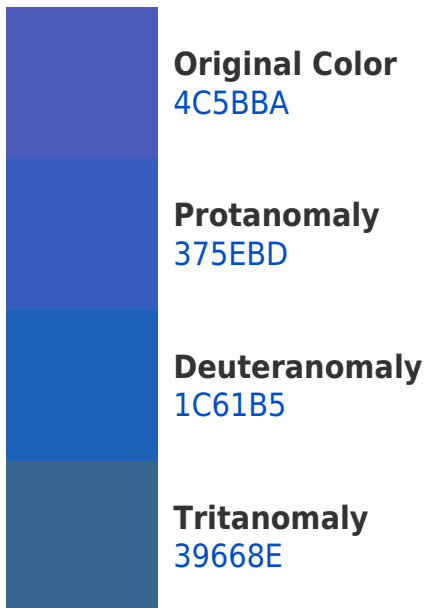
Dichromacy





Tritanopia
2E6C75

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4C5BBA 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 #4C5BBA looks like.

```
.text, #text, p{  
    color:#4C5BBA  
}
```

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 #4C5BBA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C5BBA
}
```

Border

The CSS property to change the border of an element to Hex 4C5BBA 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".

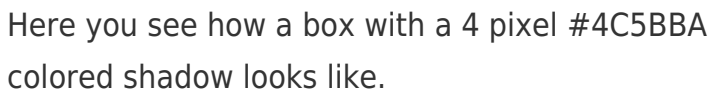
```
.border, #border, table{ border:4px solid
#4C5BBA }
```

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

```
.border{ border-color:#4C5BBA }
```

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

Here you see how a box with a 4 pixel #4C5BBA colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C5BBA; -webkit-box-shadow:4px 4px  
4px 4px #4C5BBA; box-shadow:4px 4px 4px  
4px #4C5BBA }
```

Background

The CSS property to change the background color of an element to Hex 4C5BBA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C5BBA }
```

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

```
.background{ background-color:#4C5BBA }
```

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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