

Converting Colors

Hex(4C79BA)

Have a look what the booklet for
Hex(4C79BA) contains.

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Color

Hex(4C79BA)

Conversions

Conversions Part 1

Format	Color
Hex	4C79BA
RGB	76, 121, 186
RGB Percent	30%, 47%, 73%
CMY	0.7020, 0.5255, 0.2706
CMYK	0.59, 0.35, 0.00, 0.27
HSL	215°, 44%, 51%
HSV	215°, 59%, 73%
XYZ	18.6808, 18.7564, 49.0901
YIQ	114.9550, -47.6850, 10.6750

Conversions

Conversions Part 2

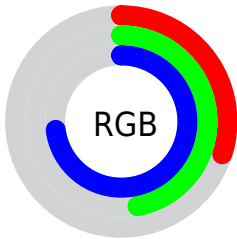
Format	Color
R_{YB}	76, 108, 186
Decimal	5011898
CIE _{Lab}	50.40, 4.50, -38.87
CIE _{LCh}	50, 39.133, 276.597
Yxy	18.7564, 0.2159, 0.2168
Android (android.graphics.Color)	4283201978 (0xFF4C79BA)
YUV	114.9550, 35.0252, -34.1635
Hunter-Lab	43.3087, 1.2041, -36.8888

Details

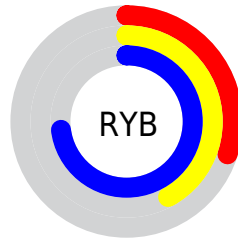
The Hex color **4C79BA** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **BA8D4C**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **85ADF2**, and **004984** is the 20% darker color. If you saturate the color by 10%, you get **396EBA**, and if you desaturate by 10%, it is **5F84BA**.

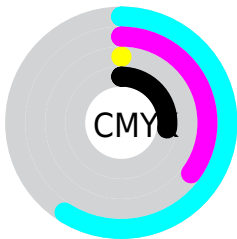
Distribution



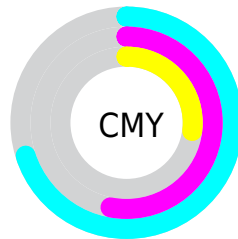
- Red (30%)
- Green (47%)
- Blue (73%)



- Red (30%)
- Yellow (42%)
- Blue (73%)



- Cyan (59%)
- Magenta (35%)
- Yellow (0%)
- Black (27%)



- Cyan (70%)
- Magenta (53%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C79BA 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 4C79BA by changing the saturation by 10% instead.

 4C79BA

 4C79BA

FFFFFF

 2D609F

 85ADF2

 004984

 A1C8FF

 00336B

 BEE4FF

 001E52

 DBFFFF

 00043B

 F9FFFF

 000224

 00000C

 000000

 4C79BA

 4C79BA

■ 396EBA

■ 5F84BA

■ 2763BA

■ 718FBA

■ 1458BA

■ 849ABA

■ 024DBA

■ 96A5BA

■ 004CBA

■ A9B0BA

■ BCBBBA

■ CEC6BA

■ E1D1BA

■ F3DCBA

Harmonies

Analogous

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



0082B5



4C79BA



846CAE

Triad

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



4C79BA



B36152



32875C

Complementary

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



4C79BA



BA8D4C

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.



618140



4C79BA



A16D3B

Square

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



4C79BA



B65C72



857933



00897F

Rectangle

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



4C79BA



9E649D



857933



458552

Sweetspot

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



4C79BA



C7D8F2



4CBA8C



5F6A7A



FAFAFA



7A7A7A

Same Dimension

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



4C79BA



468DF2



554CBA



53565C



00409C



000B1C

Inverse Universe

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



BA4C79



F2468D



B1BA4C



5C5356



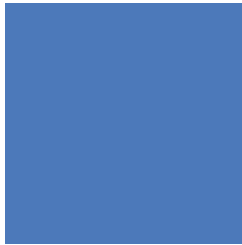
9C0040



1C000B

Previews

White Background



This preview shows how the Hex color 4C79BA looks on a white background.

Color Contrast Check

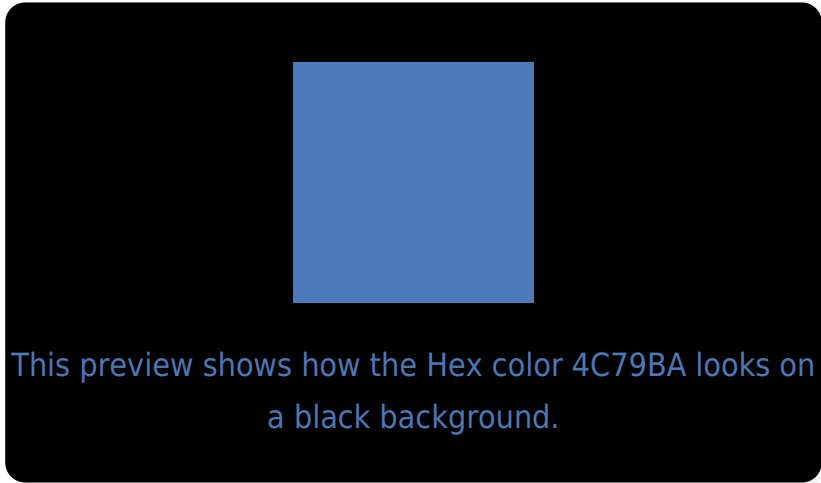
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

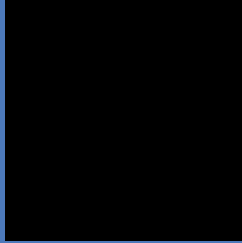
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

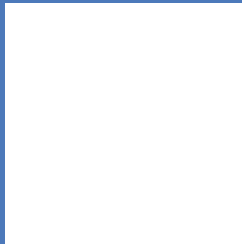
Any Text WCAG AAA × Fail

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

Hex 4C79BA Background



This preview shows how black text looks on a background with the Hex color 4C79BA.

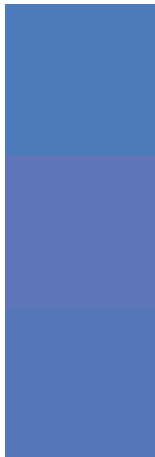


This preview shows how white text looks on a background with the Hex color 4C79BA.

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



Original Color
4C79BA

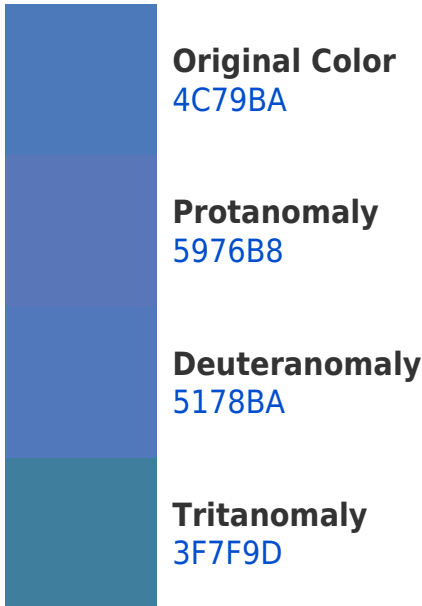
Protanopia
6075B7

Deuteranopia
5477BA

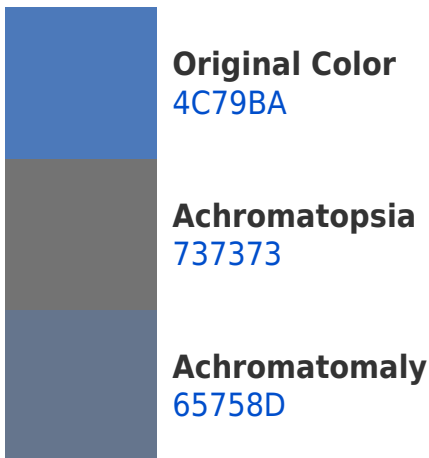


Tritanopia
38828D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4C79BA 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 #4C79BA looks like.

```
.text, #text, p{  
    color:#4C79BA  
}
```

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 #4C79BA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C79BA
}
```

Border

The CSS property to change the border of an element to Hex 4C79BA 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
#4C79BA }
```

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

```
.border{ border-color:#4C79BA }
```

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

Here you see how a box with a 4 pixel #4C79BA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C79BA; -webkit-box-shadow:4px 4px  
4px 4px #4C79BA; box-shadow:4px 4px 4px  
4px #4C79BA }
```

Background

The CSS property to change the background color of an element to Hex 4C79BA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C79BA }
```

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

```
.background{ background-color:#4C79BA }
```

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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