

Converting Colors

Hex(4679BC)

Have a look what the booklet for
Hex(4679BC) contains.

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Color

Hex(4679BC)

Conversions

Conversions Part 1

Format	Color
Hex	4679BC
RGB	70, 121, 188
RGB Percent	27%, 47%, 74%
CMY	0.7255, 0.5255, 0.2627
CMYK	0.63, 0.36, 0.00, 0.26
HSL	214°, 47%, 51%
HSV	214°, 63%, 74%
XYZ	18.4403, 18.6077, 50.1967
YIQ	113.3890, -51.9030, 10.0250

Conversions

Conversions Part 2

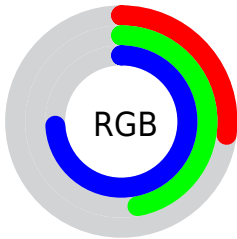
Format	Color
R _Y B	70, 106, 188
Decimal	4618684
CIE Lab	50.23, 4.00, -40.32
CIE LCh	50, 40.519, 275.667
Yxy	18.6077, 0.2114, 0.2133
Android (android.graphics.Color)	4282808764 (0xFF4679BC)
YUV	113.3890, 36.7832, -38.0522
Hunter-Lab	43.1366, 0.8170, -38.7982

Details

The Hex color **4679BC** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **BC8946**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **80ADF5**, and **004986** is the 20% darker color. If you saturate the color by 10%, you get **336EBC**, and if you desaturate by 10%, it is **5984BC**.

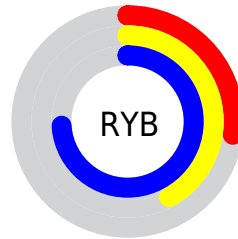
Distribution



Red (27%)

Green (47%)

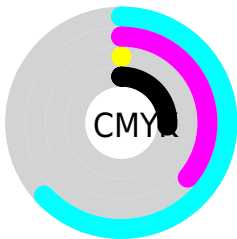
Blue (74%)



Red (27%)

Yellow (42%)

Blue (74%)

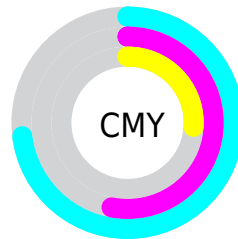


Cyan (63%)

Magenta (36%)

Yellow (0%)

Black (26%)



Cyan (73%)

Magenta (53%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4679BC 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 4679BC by changing the saturation by 10% instead.

■ 4679BC

■ 4679BC

FFFFFF

■ 2460A1

■ 80ADF5

■ 004986

■ 9DC8FF

■ 00336D

■ BAE4FF

■ 001F54

■ D7FFFF

■ 00043C

■ F5FFFF

■ 000226

■ 00010F

■ 000000

■ 4679BC

■ 4679BC

■ 336EBC

■ 5984BC

■ 2064BC

■ 6C8EBC

■ 0E59BC

■ 7E99BC

■ 0051BC

■ 91A4BC

■ A4AEBC

■ B7B9BC

■ CAC4BC

■ DCCEBC

■ EFD9BC

Harmonies

Analogous

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



0083B6



4679BC



836CB0

Triad

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



4679BC



B45F51



30875A

Complementary

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



4679BC



BC8946

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.



61813D



4679BC



A26B38

Square

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



4679BC



B75A72



857830



00897D

Rectangle

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



4679BC



9D639F



857830



43854F

Sweetspot

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



4679BC



C6DAF5



46BC89



5E6A7A



FAFAFA



7A7A7A

Same Dimension

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



4679BC



3D8DF5



4E46BC



55595E



00449E



000D1F

Inverse Universe

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



BC4679



F53D8D



B4BC46



5E5559



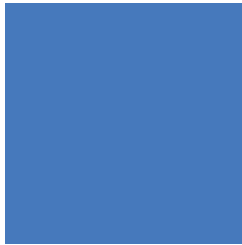
9E0044



1F000D

Previews

White Background



This preview shows how the Hex color 4679BC looks on a white background.

Color Contrast Check

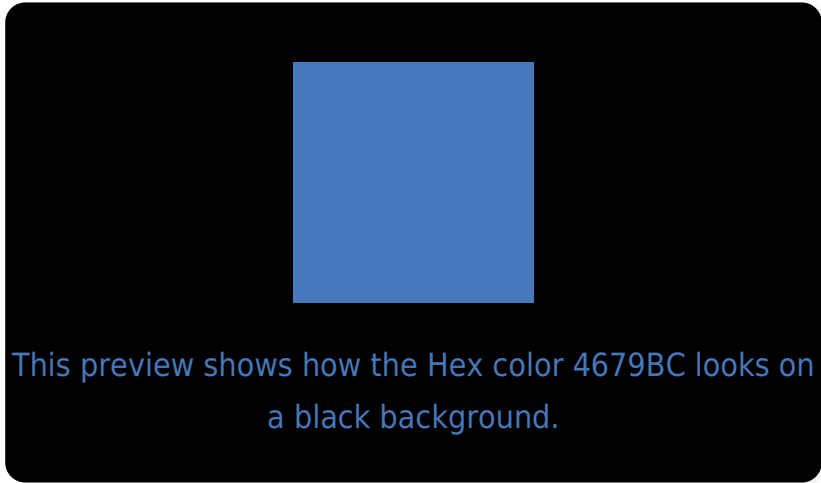
Large Text (above 18pt) WCAG AA ✓ Pass

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 4679BC Background



This preview shows how black text looks on a background with the Hex color 4679BC.

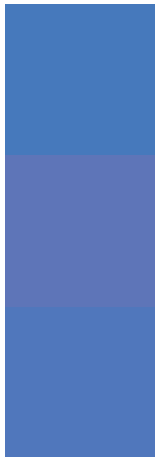


This preview shows how white text looks on a background with the Hex color 4679BC.

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
4679BC

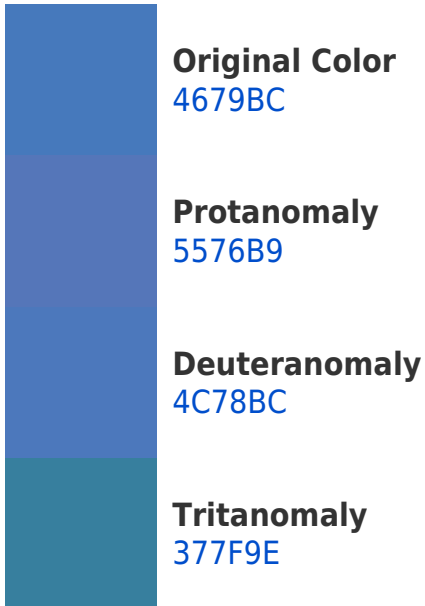
Protanopia
5E75B8

Deuteranopia
5077BC

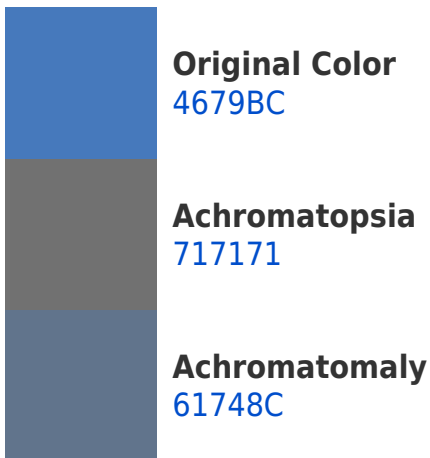


Tritanopia
2E838D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4679BC 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 #4679BC looks like.

```
.text, #text, p{  
    color:#4679BC  
}
```

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 #4679BC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4679BC
}
```

Border

The CSS property to change the border of an element to Hex 4679BC 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
#4679BC }
```

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

```
.border{ border-color:#4679BC }
```

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

Here you see how a box with a 4 pixel #4679BC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4679BC; -webkit-box-shadow:4px 4px  
4px 4px #4679BC; box-shadow:4px 4px 4px  
4px #4679BC }
```

Background

The CSS property to change the background color of an element to Hex 4679BC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4679BC }
```

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

```
.background{ background-color:#4679BC }
```

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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