

Converting Colors

Hex(4C72AF)

Have a look what the booklet for
Hex(4C72AF) contains.

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Color

Hex(4C72AF)

Conversions

Conversions Part 1

Format	Color
Hex	4C72AF
RGB	76, 114, 175
RGB Percent	30%, 45%, 69%
CMY	0.7020, 0.5529, 0.3137
CMYK	0.57, 0.35, 0.00, 0.31
HSL	217°, 39%, 49%
HSV	217°, 57%, 69%
XYZ	16.7357, 16.6663, 42.8923
YIQ	109.5920, -42.2290, 10.9150

Conversions

Conversions Part 2

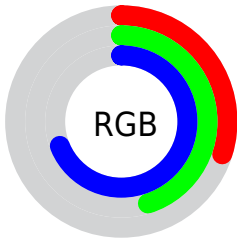
Format	Color
R_{YB}	76, 103, 175
Decimal	5010095
CIE _{Lab}	47.84, 5.09, -36.55
CIE _{LCh}	48, 36.901, 277.923
Yxy	16.6663, 0.2194, 0.2184
Android (android.graphics.Color)	4283200175 (0xFF4C72AF)
YUV	109.5920, 32.2461, -29.4602
Hunter-Lab	40.8243, 1.7323, -33.7163

Details

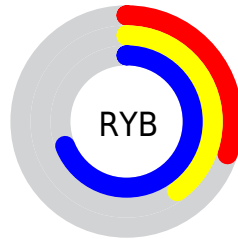
The Hex color **4C72AF** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **AF894C**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **84A6E7**, and **05437A** is the 20% darker color. If you saturate the color by 10%, you get **3B67AF**, and if you desaturate by 10%, it is **5E7DAF**.

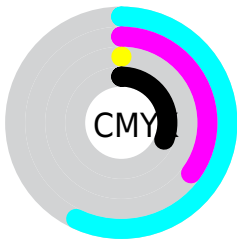
Distribution



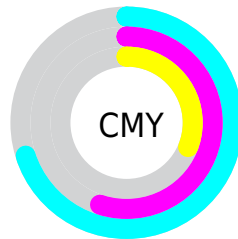
- Red (30%)
- Green (45%)
- Blue (69%)



- Red (30%)
- Yellow (40%)
- Blue (69%)



- Cyan (57%)
- Magenta (35%)
- Yellow (0%)
- Black (31%)



- Cyan (70%)
- Magenta (55%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C72AF 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 4C72AF by changing the saturation by 10% instead.

■ 4C72AF

■ 4C72AF

FFFFFF

■ 2F5A94

■ 84A6E7

■ 05437A

■ A0C1FF

■ 002D61

■ BCDCFF

■ 001949

■ D9F9FF

■ 000432

■ F6FFFF

■ 00011C

■ 000000

■ 4C72AF

■ 4C72AF

■ 3B67AF

■ 5E7DAF

■ 295CAF

■ 6F88AF

■ 1852AF

■ 8192AF

■ 0647AF

■ 929DAF

■ 0043AF

■ A3A8AF

■ B5B3AF

■ C7BDAF

■ D8C8AF

■ EAD3AF

Harmonies

Analogous

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



007BAB



4C72AF



7F66A3

Triad

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



4C72AF



A85D4D



2F8059

Complementary

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



4C72AF



AF894C

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.



5B7B3F



4C72AF



976838

Square

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



4C72AF



AC576A



7C7232



008179

Rectangle

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



4C72AF



965E93



7C7232



407E4F

Sweetspot

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



4C72AF



BCCBE3



4CAF87



5C6573



F2F2F2



737373

Same Dimension

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



4C72AF



4984E3



564CAF



4E5157



003A96



000917

Inverse Universe

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



AF4C72



E34984



A5AF4C



574E51



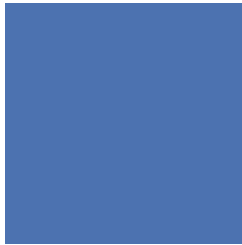
96003A



170009

Previews

White Background



This preview shows how the Hex color 4C72AF looks on a white background.

Color Contrast Check

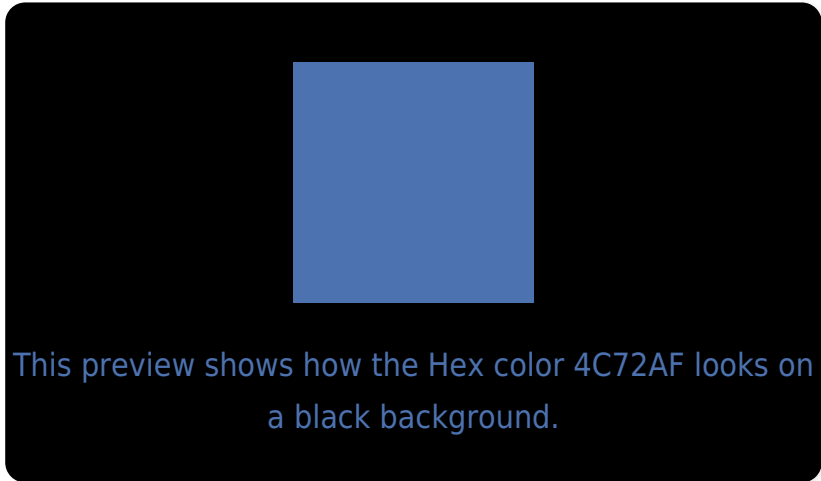
Large Text (above 18pt) WCAG AA ✓ Pass

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

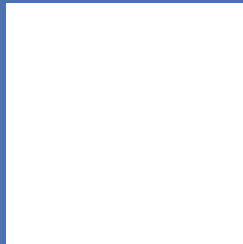
Any Text WCAG AAA × Fail

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

Hex 4C72AF Background



This preview shows how black text looks on a background with the Hex color 4C72AF.

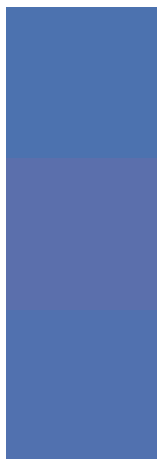


This preview shows how white text looks on a background with the Hex color 4C72AF.

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
4C72AF

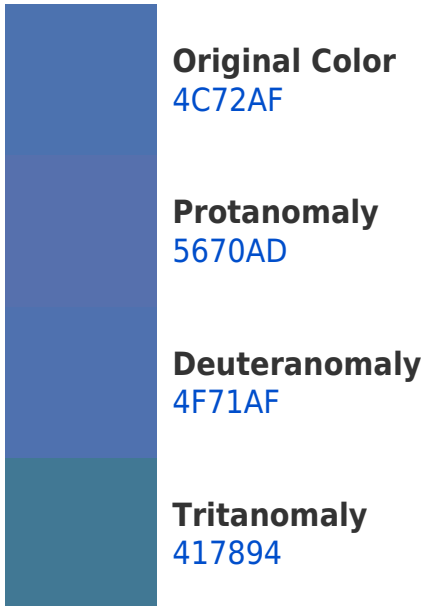
Protanopia
5B6FAC

Deuteranopia
5171AF

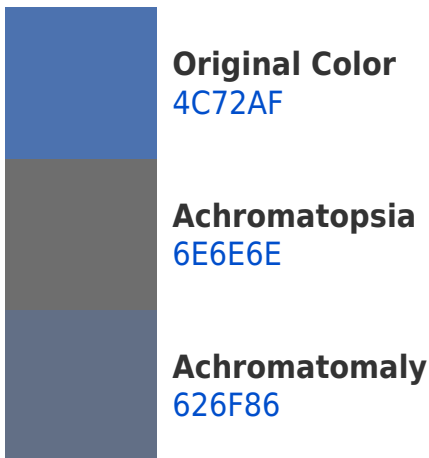


Tritanopia
3B7B84

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4C72AF 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 #4C72AF looks like.

```
.text, #text, p{  
    color:#4C72AF  
}
```

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 #4C72AF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C72AF
}
```

Border

The CSS property to change the border of an element to Hex 4C72AF 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
#4C72AF }
```

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

```
.border{ border-color:#4C72AF }
```

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

Here you see how a box with a 4 pixel #4C72AF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C72AF; -webkit-box-shadow:4px 4px  
4px 4px #4C72AF; box-shadow:4px 4px 4px  
4px #4C72AF }
```

Background

The CSS property to change the background color of an element to Hex 4C72AF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C72AF }
```

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

```
.background{ background-color:#4C72AF }
```

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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