

Converting Colors

Hex(4C68C1)

Have a look what the booklet for
Hex(4C68C1) contains.

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Color

Hex(4C68C1)

Conversions

Conversions Part 1

Format	Color
Hex	4C68C1
RGB	76, 104, 193
RGB Percent	30%, 41%, 76%
CMY	0.7020, 0.5922, 0.2431
CMYK	0.61, 0.46, 0.00, 0.24
HSL	226°, 49%, 53%
HSV	226°, 61%, 76%
XYZ	17.5564, 15.2874, 52.4775
YIQ	105.7740, -45.2570, 21.7430

Conversions

Conversions Part 2

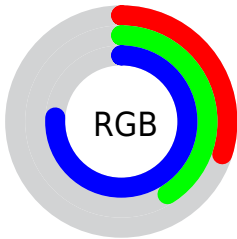
Format	Color
R_{YB}	76, 99, 193
Decimal	5007553
CIE _{Lab}	46.03, 17.40, -49.87
CIE _{LCh}	46, 52.817, 289.238
Yxy	15.2874, 0.2058, 0.1792
Android (android.graphics.Color)	4283197633 (0xFF4C68C1)
YUV	105.7740, 43.0024, -26.1118
Hunter-Lab	39.0991, 11.7275, -52.2077

Details

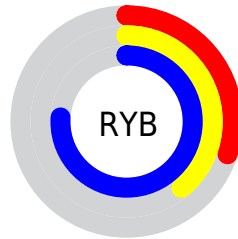
The Hex color **4C68C1** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted azure. A complement of this color would be **C1A54C**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **869BFA**, and **003A8B** is the 20% darker color. If you saturate the color by 10%, you get **3959C1**, and if you desaturate by 10%, it is **5F77C1**.

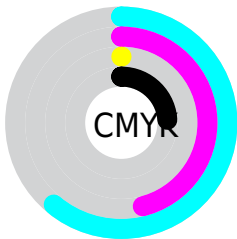
Distribution



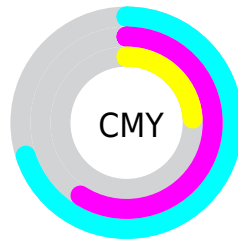
- Red (30%)
- Green (41%)
- Blue (76%)



- Red (30%)
- Yellow (39%)
- Blue (76%)



- Cyan (61%)
- Magenta (46%)
- Yellow (0%)
- Black (24%)



- Cyan (70%)
- Magenta (59%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C68C1 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 4C68C1 by changing the saturation by 10% instead.

■ 4C68C1

■ 4C68C1

FFFFFF

■ 2B50A5

■ 869BFA

■ 003A8B

■ A3B5FF

■ 002571

■ C0D1FF

■ 001258

■ DDEDFF

■ 000640

■ FBFFFF

■ 000329

■ 000113

■ 000000

■ 4C68C1

■ 4C68C1

■ 3959C1

■ 5F77C1

■ 254BC1

■ 7385C1

■ 123CC1

■ 8694C1

■ 002EC1

■ 99A3C1

■ ACB1C1

■ C0C0C1

■ D3CFC1

■ E6DDC1

■ FAECC1

Harmonies

Analogous

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



0077C4



4C68C1



9254A7

Triad

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



4C68C1



AE532A



00815B

Complementary

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



4C68C1



C1A54C

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.



2F7C2F



4C68C1



906506

Square

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



4C68C1



BC4353



687307



008289

Rectangle

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



4C68C1



AC478D



687307



00804C

Sweetspot

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



4C68C1



CDD8FA



4CC1A4



61687D



FCFCFC



7D7D7D

Same Dimension

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



4C68C1



436FFA



694CC1



575A61



0026A1



000821

Inverse Universe

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



C14C68



FA436F



A4C14C



61575A



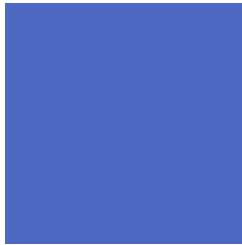
A10026



210008

Previews

White Background



This preview shows how the Hex color 4C68C1 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



This preview shows how the Hex color 4C68C1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

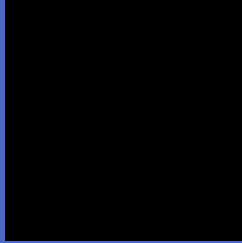
Any Text WCAG AA × Fail

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 4C68C1 Background



This preview shows how black text looks on a background with the Hex color 4C68C1.

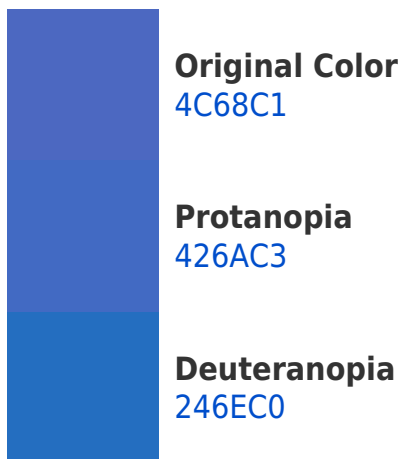


This preview shows how white text looks on a background with the Hex color 4C68C1.

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](#).

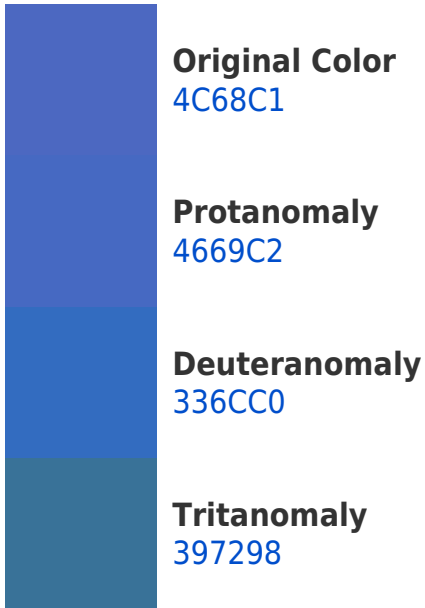
Dichromacy





Tritanopia
2E7780

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4C68C1 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 #4C68C1 looks like.

```
.text, #text, p{  
    color:#4C68C1  
}
```

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 #4C68C1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C68C1
}
```

Border

The CSS property to change the border of an element to Hex 4C68C1 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
#4C68C1 }
```

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

```
.border{ border-color:#4C68C1 }
```

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

Here you see how a box with a 4 pixel #4C68C1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C68C1; -webkit-box-shadow:4px 4px  
4px 4px #4C68C1; box-shadow:4px 4px 4px  
4px #4C68C1 }
```

Background

The CSS property to change the background color of an element to Hex 4C68C1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C68C1 }
```

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

```
.background{ background-color:#4C68C1 }
```

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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