

Converting Colors

Hex(4C97B0)

Have a look what the booklet for
Hex(4C97B0) contains.

Hex(4C97B0)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(4C97B0)

Conversions

Conversions Part 1

Format	Color
Hex	4C97B0
RGB	76, 151, 176
RGB Percent	30%, 59%, 69%
CMY	0.7020, 0.4078, 0.3098
CMYK	0.57, 0.14, 0.00, 0.31
HSL	195°, 40%, 49%
HSV	195°, 57%, 69%
XYZ	21.8836, 26.8043, 45.0947
YIQ	131.4250, -52.7250, -8.1250

Conversions

Conversions Part 2

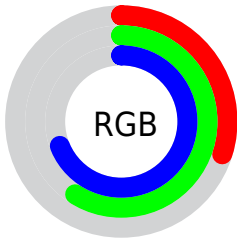
Format	Color
RYB	76, 119, 176
Decimal	5019568
CIELab	58.79, -15.93, -20.13
CIELCh	59, 25.668, 231.639
Yxy	26.8043, 0.2333, 0.2858
Android (android.graphics.Color)	4283209648 (0xFF4C97B0)
YUV	131.4250, 21.9755, -48.6077
Hunter-Lab	51.7729, -15.1534, -15.4011

Details

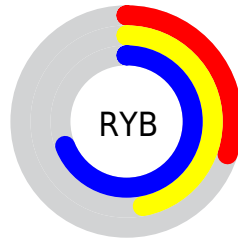
The Hex color **4C97B0** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **B0654C**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **85CDE8**, and **00647B** is the 20% darker color. If you saturate the color by 10%, you get **3A93B0**, and if you desaturate by 10%, it is **5E9BB0**.

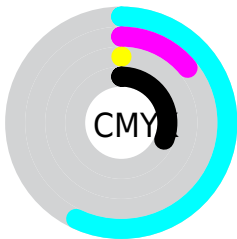
Distribution



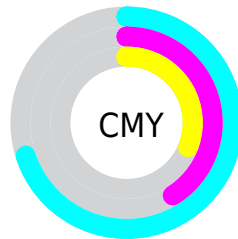
- Red (30%)
- Green (59%)
- Blue (69%)



- Red (30%)
- Yellow (47%)
- Blue (69%)



- Cyan (57%)
- Magenta (14%)
- Yellow (0%)
- Black (31%)



- Cyan (70%)
- Magenta (41%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C97B0 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 4C97B0 by changing the saturation by 10% instead.

 4C97B0

 4C97B0

FFFFFF

 2D7D95

 85CDE8

 00647B

 A1EAFB

 004C62

 BEFFFF

 00354B

 DBFFFF

 002034

 F8FFFF

 00021F

 000002

 000000

 4C97B0

 4C97B0

■ 3A93B0

■ 5E9BB0

■ 298EB0

■ 6FA0B0

■ 178AB0

■ 81A4B0

■ 0685B0

■ 92A9B0

■ 0084B0

■ A4ADB0

■ B6B1B0

■ C7B6B0

■ D9BAB0

■ EABFB0

Harmonies

Analogous

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



479A9D



4C97B0



6791B9

Triad

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



4C97B0



B67D95



8C9163

Complementary

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



4C97B0



B0654C

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.



A38A61



4C97B0



BB7D7E

Square

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



4C97B0



A482AA



B4826B



739771

Rectangle

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



4C97B0



7D8DB9



B4826B



958F61

Sweetspot

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



4C97B0



BEDCE6



4CB065



5C6D73



F2F2F2



737373

Same Dimension

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



4C97B0



49BEE6



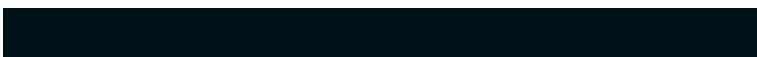
4C65B0



505759



007399



00131A

Inverse Universe

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



B04C97



E649BE



B0974C



595057



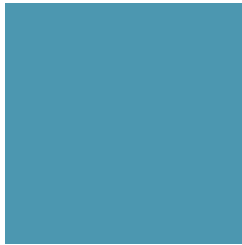
990073



1A0013

Previews

White Background



This preview shows how the Hex color 4C97B0 looks on a white background.

Color Contrast Check

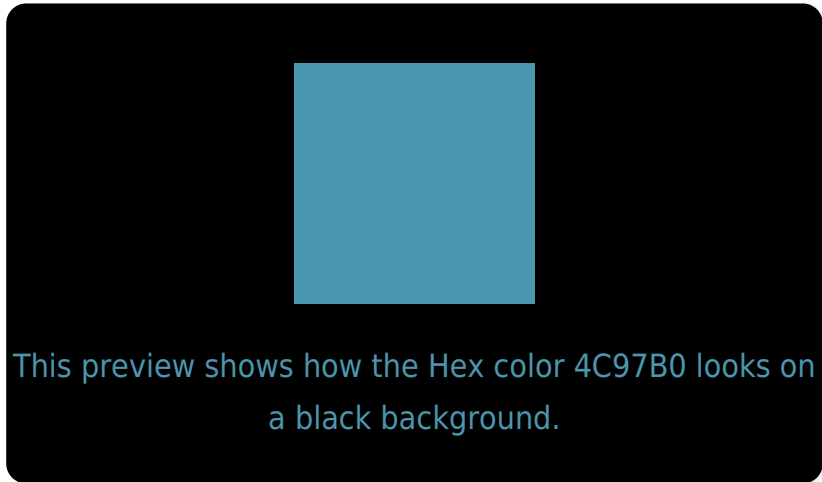
Large Text (above 18pt) WCAG AA ✓ Pass

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 4C97B0 Background



This preview shows how black text looks on a background with the Hex color 4C97B0.

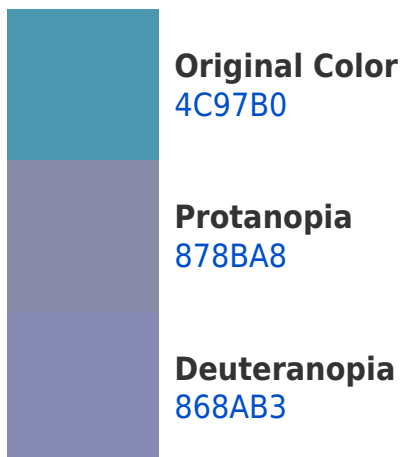


This preview shows how white text looks on a background with the Hex color 4C97B0.

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](#).

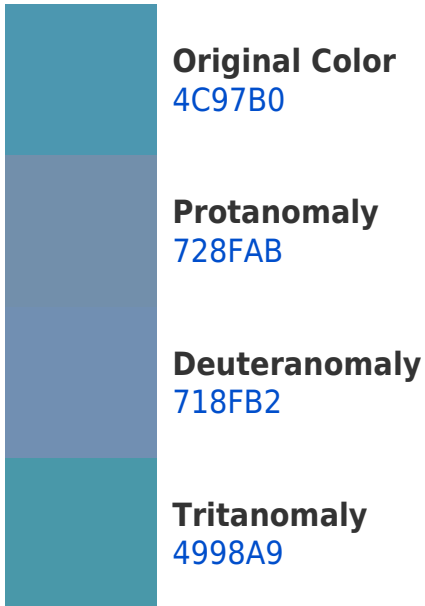
Dichromacy





Tritanopia
4899A5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4C97B0 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 #4C97B0 looks like.

```
.text, #text, p{  
    color:#4C97B0  
}
```

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 #4C97B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C97B0
}
```

Border

The CSS property to change the border of an element to Hex 4C97B0 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
#4C97B0 }
```

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

```
.border{ border-color:#4C97B0 }
```

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

Here you see how a box with a 4 pixel #4C97B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C97B0; -webkit-box-shadow:4px 4px  
4px 4px #4C97B0; box-shadow:4px 4px 4px  
4px #4C97B0 }
```

Background

The CSS property to change the background color of an element to Hex 4C97B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C97B0 }
```

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

```
.background{ background-color:#4C97B0 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor