

Converting Colors

Hex(4C7B97)

Have a look what the booklet for
Hex(4C7B97) contains.

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Color

Hex(4C7B97)

Conversions

Conversions Part 1

Format	Color
Hex	4C7B97
RGB	76, 123, 151
RGB Percent	30%, 48%, 59%
CMY	0.7020, 0.5176, 0.4078
CMYK	0.50, 0.19, 0.00, 0.41
HSL	202°, 33%, 45%
HSV	202°, 50%, 59%
XYZ	15.6494, 17.9368, 31.9155
YIQ	112.1390, -37.0000, -1.2560

Conversions

Conversions Part 2

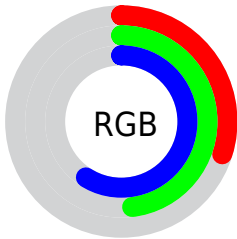
Format	Color
R_{YB}	76, 105, 151
Decimal	5012375
CIE _{Lab}	49.42, -7.93, -20.06
CIE _{LCh}	49, 21.575, 248.422
Yxy	17.9368, 0.2389, 0.2738
Android (android.graphics.Color)	4283202455 (0xFF4C7B97)
YUV	112.1390, 19.1585, -31.6939
Hunter-Lab	42.3518, -8.1585, -15.0335

Details

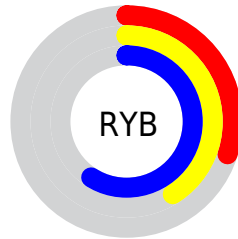
The Hex color **4C7B97** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **97684C**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **81AFCD**, and **134A64** is the 20% darker color. If you saturate the color by 10%, you get **3D7597**, and if you desaturate by 10%, it is **5B8197**.

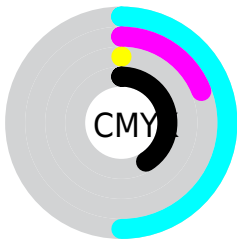
Distribution



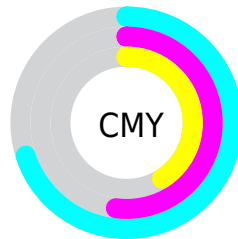
- Red (30%)
- Green (48%)
- Blue (59%)



- Red (30%)
- Yellow (41%)
- Blue (59%)



- Cyan (50%)
- Magenta (19%)
- Yellow (0%)
- Black (41%)



- Cyan (70%)
- Magenta (52%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C7B97 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 4C7B97 by changing the saturation by 10% instead.

■ 4C7B97

■ 4C7B97

FFFFFF

■ 31627D

■ 81AFCD

■ 134A64

■ 9CCBEA

■ 00344C

■ B8E7FF

■ 001F35

■ D5FFFF

■ 000220

■ F2FFFF

■ 000004

■ 000000

■ 4C7B97

■ 4C7B97

■ 3D7597

■ 5B8197

■ 2E7097

■ 6A8697

■ 1F6A97

■ 798C97

■ 106497

■ 889297

■ 005F97

■ 989797

■ A79D97

■ B6A297

■ C5A897

■ D4AE97

Harmonies

Analogous

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



3D7F8C



4C7B97



667599

Triad

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



4C7B97



9A6871



697B58

Complementary

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



4C7B97



97684C

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.



7D7651



4C7B97



986A60

Square

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



4C7B97



916A83



8E7054



547F67

Rectangle

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



4C7B97



777196



8E7054



707A55

Sweetspot

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



4C7B97



A7B9C4



4C9768



525D63



E3E3E3



636363

Same Dimension

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



4C7B97



4F98C4



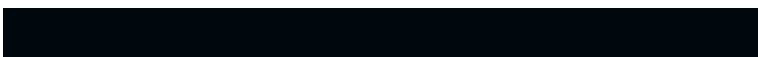
4C5697



454A4D



00588C



00080D

Inverse Universe

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



974C7B



C44F98



978D4C



4D454A



8C0058



0D0008

Previews

White Background



This preview shows how the Hex color 4C7B97 looks on a white background.

Color Contrast Check

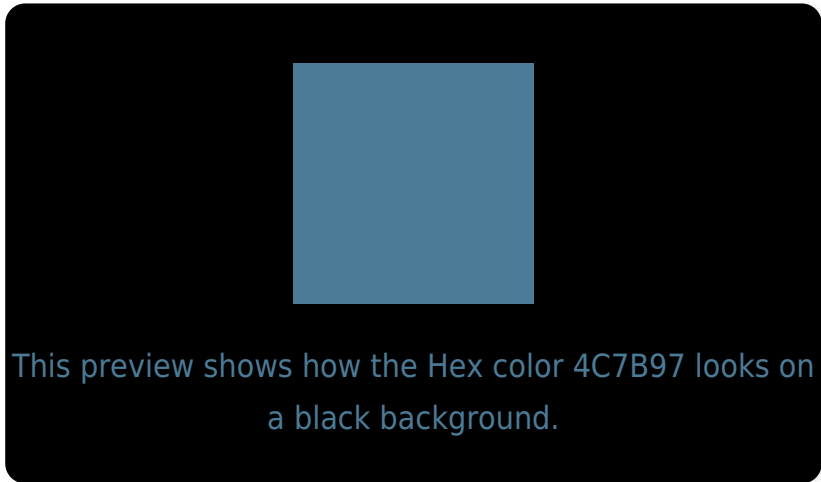
Large Text (above 18pt) WCAG AA ✓ Pass

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

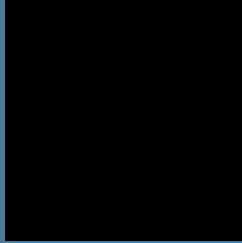
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

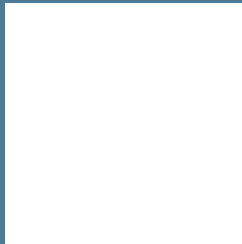
Any Text WCAG AAA × Fail

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

Hex 4C7B97 Background



This preview shows how black text looks on a background with the Hex color 4C7B97.

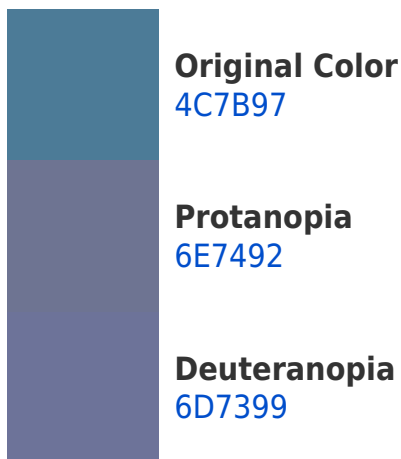


This preview shows how white text looks on a background with the Hex color 4C7B97.

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](#).

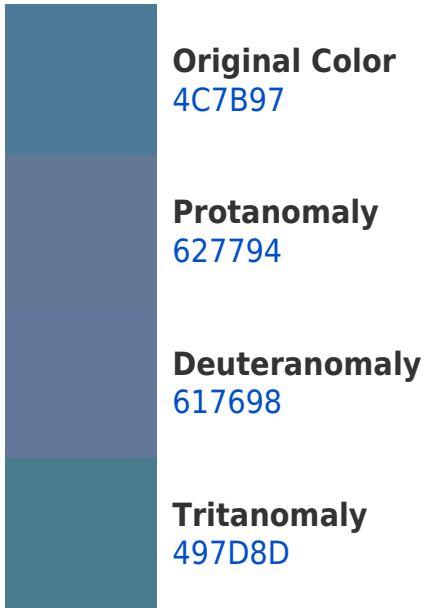
Dichromacy





Tritanopia
477E88

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4C7B97 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 #4C7B97 looks like.

```
.text, #text, p{  
    color:#4C7B97  
}
```

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 #4C7B97 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C7B97
}
```

Border

The CSS property to change the border of an element to Hex 4C7B97 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
#4C7B97 }
```

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

```
.border{ border-color:#4C7B97 }
```

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

Here you see how a box with a 4 pixel #4C7B97 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C7B97; -webkit-box-shadow:4px 4px  
4px 4px #4C7B97; box-shadow:4px 4px 4px  
4px #4C7B97 }
```

Background

The CSS property to change the background color of an element to Hex 4C7B97 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C7B97 }
```

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

```
.background{ background-color:#4C7B97 }
```

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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