

Converting Colors

Hex(4C97AD)

Have a look what the booklet for
Hex(4C97AD) contains.

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Color

Hex(4C97AD)

Conversions

Conversions Part 1

Format	Color
Hex	4C97AD
RGB	76, 151, 173
RGB Percent	30%, 59%, 68%
CMY	0.7020, 0.4078, 0.3216
CMYK	0.56, 0.13, 0.00, 0.32
HSL	194°, 39%, 49%
HSV	194°, 56%, 68%
XYZ	21.5899, 26.6868, 43.5483
YIQ	131.0830, -51.7620, -9.0580

Conversions

Conversions Part 2

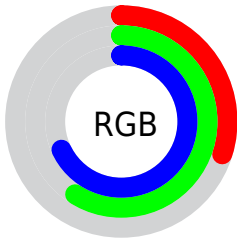
Format	Color
R_{YB}	76, 118, 173
Decimal	5019565
CIE _{Lab}	58.68, -16.84, -18.59
CIE _{LCh}	59, 25.081, 227.838
Yxy	26.6868, 0.2351, 0.2906
Android (android.graphics.Color)	4283209645 (0xFF4C97AD)
YUV	131.0830, 20.6651, -48.3078
Hunter-Lab	51.6593, -15.8035, -13.8194

Details

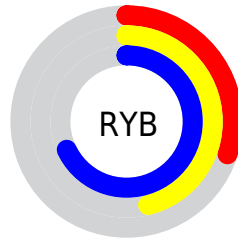
The Hex color **4C97AD** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **AD624C**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **84CDE4**, and **006479** is the 20% darker color. If you saturate the color by 10%, you get **3B93AD**, and if you desaturate by 10%, it is **5D9BAD**.

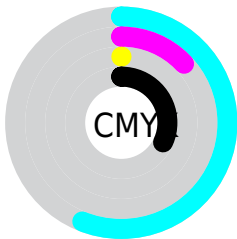
Distribution



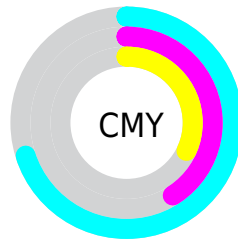
- Red (30%)
- Green (59%)
- Blue (68%)



- Red (30%)
- Yellow (46%)
- Blue (68%)



- Cyan (56%)
- Magenta (13%)
- Yellow (0%)
- Black (32%)



- Cyan (70%)
- Magenta (41%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C97AD 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 4C97AD by changing the saturation by 10% instead.

■ 4C97AD

■ 4C97AD

FFFFFF

■ 2E7D92

■ 84CDE4

■ 006479

■ A1EAFB

■ 004C60

■ BDFBFF

■ 003548

■ DAFBFF

■ 002031

■ F8FBFF

■ 00021D

■ 000000

■ 4C97AD

■ 4C97AD

■ 3B93AD

■ 5D9BAD

■ 298FAD

■ 6F9FAD

■ 188BAD

■ 80A3AD

■ 0787AD

■ 91A7AD

■ 0086AD

■ A3ABAD

■ B4AFAD

■ C5B2AD

■ D6B6AD

■ E8BAAD

Harmonies

Analogous

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



4B999A



4C97AD



6492B8

Triad

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



4C97AD



B37E97



8F9063

Complementary

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



4C97AD



AD624C

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.



A58962



4C97AD



B97D81

Square

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



4C97AD



A083AB



B4826D



76966F

Rectangle

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



4C97AD



798DB8



B4826D



978E61

Sweetspot

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



4C97AD



BAD8E0



4CAD61



5A6B70



F0F0F0



707070

Same Dimension

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



4C97AD



4ABEE0



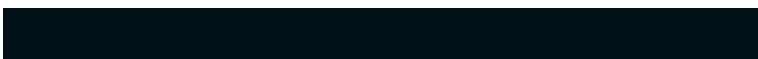
4C67AD



4E5557



007496



001217

Inverse Universe

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



AD4C97



E04ABE



AD924C



574E55



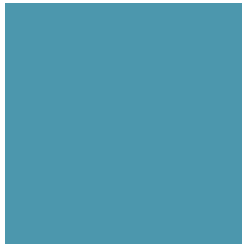
960074



170012

Previews

White Background



This preview shows how the Hex color 4C97AD looks on a white background.

Color Contrast Check

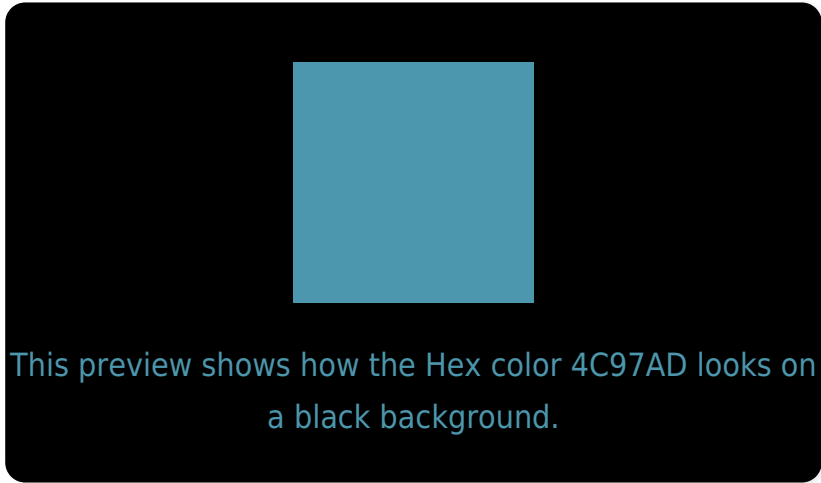
Large Text (above 18pt) WCAG AA ✓ Pass

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

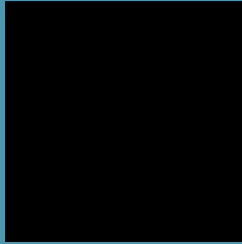
Any Text WCAG AA ✓ Pass

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 4C97AD Background



This preview shows how black text looks on a background with the Hex color 4C97AD.

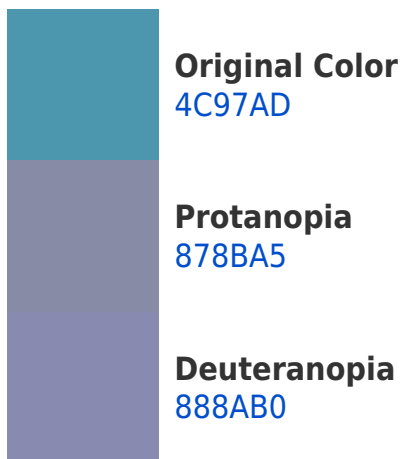


This preview shows how white text looks on a background with the Hex color 4C97AD.

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](#).

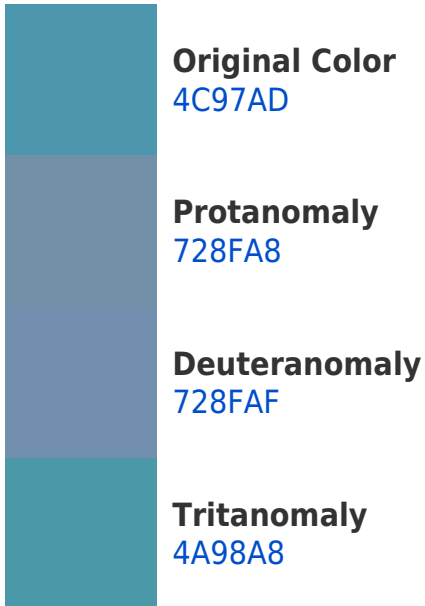
Dichromacy





Tritanopia
4998A5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4C97AD 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 #4C97AD looks like.

```
.text, #text, p{  
    color:#4C97AD  
}
```

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 #4C97AD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C97AD
}
```

Border

The CSS property to change the border of an element to Hex 4C97AD 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
#4C97AD }
```

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

```
.border{ border-color:#4C97AD }
```

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

Here you see how a box with a 4 pixel #4C97AD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C97AD; -webkit-box-shadow:4px 4px  
4px 4px #4C97AD; box-shadow:4px 4px 4px  
4px #4C97AD }
```

Background

The CSS property to change the background color of an element to Hex 4C97AD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C97AD }
```

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

```
.background{ background-color:#4C97AD }
```

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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