

Converting Colors

Hex(4A97A4)

Have a look what the booklet for
Hex(4A97A4) contains.

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Color

Hex(4A97A4)

Conversions

Conversions Part 1

Format	Color
Hex	4A97A4
RGB	74, 151, 164
RGB Percent	29%, 59%, 64%
CMY	0.7098, 0.4078, 0.3569
CMYK	0.55, 0.08, 0.00, 0.36
HSL	189°, 38%, 47%
HSV	189°, 55%, 64%
XYZ	20.5915, 26.2694, 39.1072
YIQ	129.4590, -50.0650, -12.2810

Conversions

Conversions Part 2

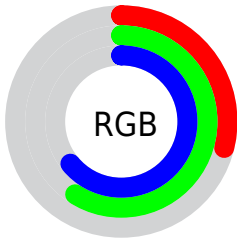
Format	Color
RYB	74, 115, 164
Decimal	4888484
CIELab	58.29, -19.93, -14.08
CIElCh	58, 24.396, 215.240
Yxy	26.2694, 0.2395, 0.3056
Android (android.graphics.Color)	4283078564 (0xFF4A97A4)
YUV	129.4590, 17.0287, -48.6375
Hunter-Lab	51.2537, -17.9804, -9.3614

Details

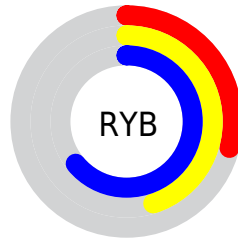
The Hex color **4A97A4** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A4574A**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **82CDD8**, and **006470** is the 20% darker color. If you saturate the color by 10%, you get **3A95A4**, and if you desaturate by 10%, it is **5A99A4**.

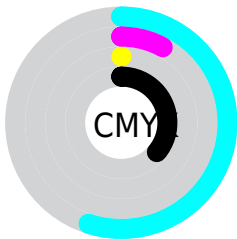
Distribution



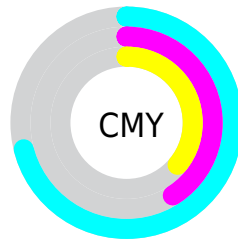
- Red (29%)
- Green (59%)
- Blue (64%)



- Red (29%)
- Yellow (45%)
- Blue (64%)



- Cyan (55%)
- Magenta (8%)
- Yellow (0%)
- Black (36%)



- Cyan (71%)
- Magenta (41%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A97A4 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 4A97A4 by changing the saturation by 10% instead.



4A97A4



4A97A4

FFFFFF



2C7D8A



82CDD8



006470



9EEAF7



004C58



BAEAF7



003540



D7FFFF



00202A



F5FFFF



000116



000000



4A97A4



4A97A4



3A95A4



5A99A4

■ 2992A4

■ 6B9CA4

■ 1990A4

■ 7B9EA4

■ 088EA4

■ 8CA0A4

■ 008CA4

■ 9CA3A4

■ ACA5A4

■ BDA8A4

■ CDAAA4

■ DEACA4

Harmonies

Analogous

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



52988F



4A97A4



5993B2

Triad

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



4A97A4



AB7F9E



988C62

Complementary

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



4A97A4



A4574A

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.



AA8566



4A97A4



B67C89

Square

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



4A97A4



9485AF



B67F75



809269

Rectangle

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



4A97A4



6C8FB6



B67F75



9F8A62

Sweetspot

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



4A97A4



B4D1D6



4AA456



57686B



EBEBEB



6B6B6B

Same Dimension

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



4A97A4



49C2D6



4A6BA4



495052



007C91



000F12

Inverse Universe

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



A44A97



D649C2



A4834A



524950



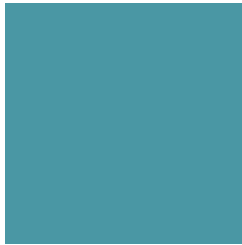
91007C



12000F

Previews

White Background



This preview shows how the Hex color 4A97A4 looks on a white background.

Color Contrast Check

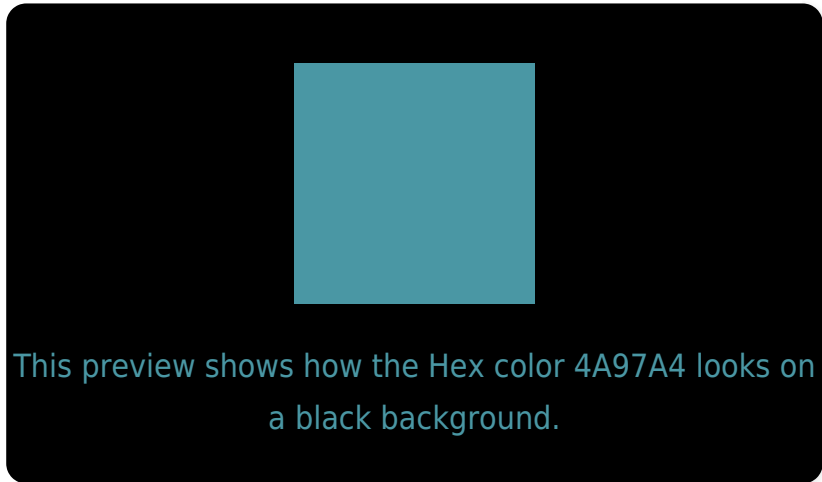
Large Text (above 18pt) WCAG AA ✓ Pass

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

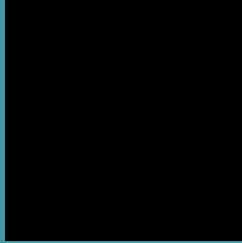
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

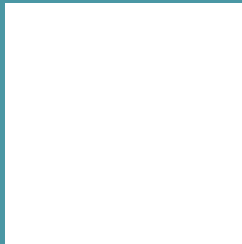
Any Text WCAG AAA × Fail

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

Hex 4A97A4 Background



This preview shows how black text looks on a background with the Hex color 4A97A4.

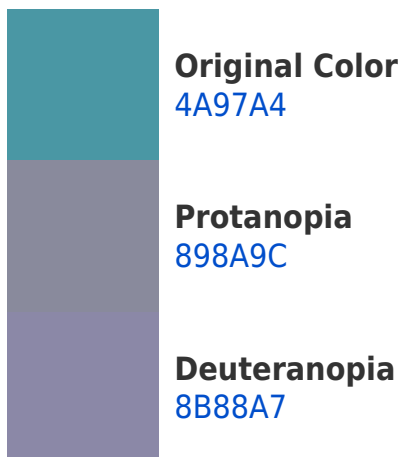


This preview shows how white text looks on a background with the Hex color 4A97A4.

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](#).

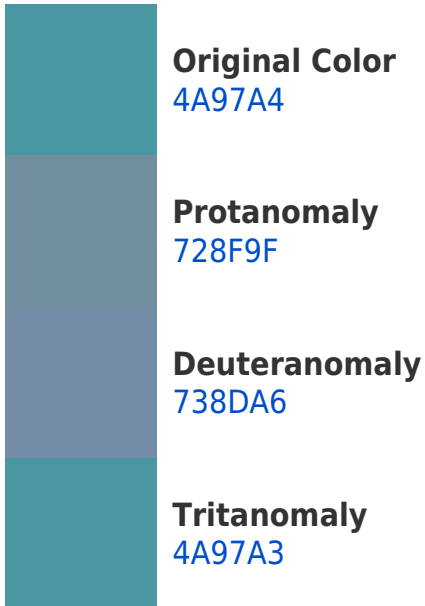
Dichromacy





Tritanopia
4A97A3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4A97A4 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 #4A97A4 looks like.

```
.text, #text, p{  
    color:#4A97A4  
}
```

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 #4A97A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A97A4
}
```

Border

The CSS property to change the border of an element to Hex 4A97A4 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
#4A97A4 }
```

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

```
.border{ border-color:#4A97A4 }
```

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

Here you see how a box with a 4 pixel #4A97A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A97A4; -webkit-box-shadow:4px 4px  
4px 4px #4A97A4; box-shadow:4px 4px 4px  
4px #4A97A4 }
```

Background

The CSS property to change the background color of an element to Hex 4A97A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A97A4 }
```

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

```
.background{ background-color:#4A97A4 }
```

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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