

Converting Colors

Hex(4A879C)

Have a look what the booklet for
Hex(4A879C) contains.

Hex(4A879C)	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(4A879C)

Conversions

Conversions Part 1

Format	Color
Hex	4A879C
RGB	74, 135, 156
RGB Percent	29%, 53%, 61%
CMY	0.7098, 0.4706, 0.3882
CMYK	0.53, 0.13, 0.00, 0.39
HSL	195°, 36%, 45%
HSV	195°, 53%, 61%
XYZ	17.4888, 21.1841, 34.6197
YIQ	119.1550, -43.0970, -6.4010

Conversions

Conversions Part 2

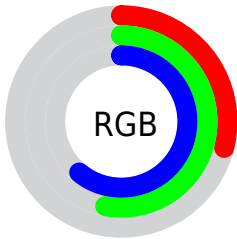
Format	Color
R_{YB}	74, 109, 156
Decimal	4884380
CIE _{Lab}	53.15, -13.67, -17.28
CIE _{LCh}	53, 22.037, 231.645
Yxy	21.1841, 0.2386, 0.2890
Android (android.graphics.Color)	4283074460 (0xFF4A879C)
YUV	119.1550, 18.1646, -39.6009
Hunter-Lab	46.0262, -12.7204, -12.3780

Details

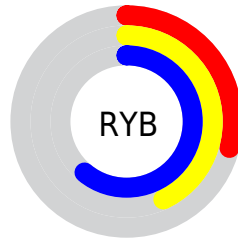
The Hex color **4A879C** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **9C5F4A**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **80BCD3**, and **095569** is the 20% darker color. If you saturate the color by 10%, you get **3A839C**, and if you desaturate by 10%, it is **5A8B9C**.

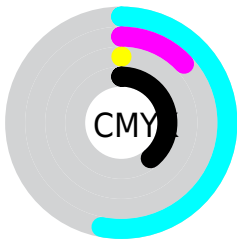
Distribution



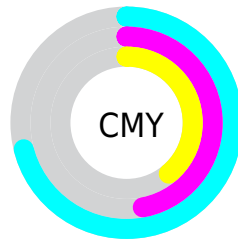
- Red (29%)
- Green (53%)
- Blue (61%)



- Red (29%)
- Yellow (43%)
- Blue (61%)



- Cyan (53%)
- Magenta (13%)
- Yellow (0%)
- Black (39%)



- Cyan (71%)
- Magenta (47%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A879C 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 4A879C by changing the saturation by 10% instead.

■ 4A879C

■ 4A879C

FFFFFF

■ 2E6E82

■ 80BCD3

■ 095569

■ 9CD8EF

■ 003E51

■ B8F5FF

■ 00283A

■ D5FFFF

■ 001524

■ F2FFFF

■ 00010D

■ 000000

■ 4A879C

■ 4A879C

■ 3A839C

■ 5A8B9C

■ 2B7F9C

■ 698F9C

■ 1B7B9C

■ 79939C

■ 0C779C

■ 88979C

■ 00749C

■ 989B9C

■ A89F9C

■ B7A39C

■ C7A79C

■ D6AB9C

Harmonies

Analogous

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



46898C



4A879C



6082A4

Triad

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



4A879C



A17185



7E825B

Complementary

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



4A879C



9C5F4A

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.



927C5A



4A879C



A57272

Square

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



4A879C



927697



9F7662



698767

Rectangle

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



4A879C



727EA4



9F7662



85805A

Sweetspot

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



4A879C



ABC4CC



4A9C5F



536166



E6E6E6



666666

Same Dimension

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



4A879C



4BABCC



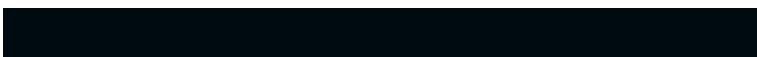
4A5F9C



474D4F



006A8F



000B0F

Inverse Universe

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



9C4A87



CC4BAB



9C884A



4F474D



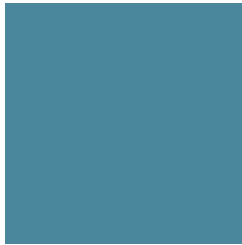
8F006A



0F000B

Previews

White Background



This preview shows how the Hex color 4A879C looks on a white background.

Color Contrast Check

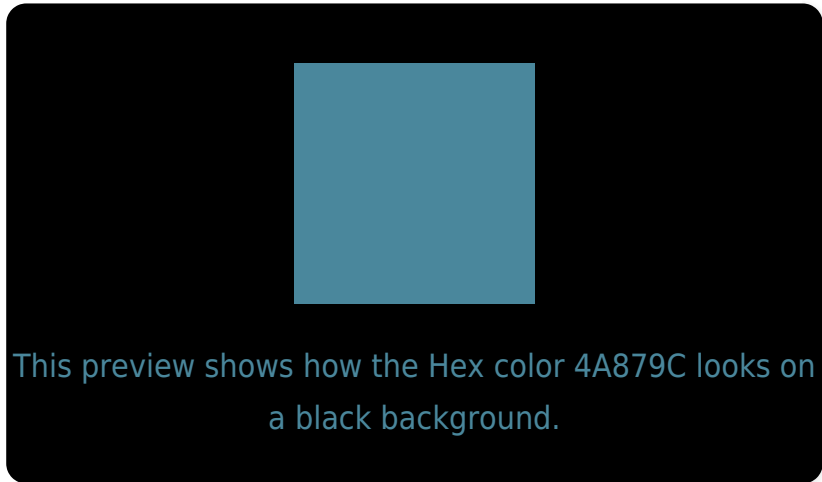
Large Text (above 18pt) WCAG AA ✓ Pass

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

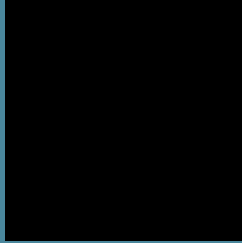
Any Text WCAG AA ✓ Pass

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 4A879C Background



This preview shows how black text looks on a background with the Hex color 4A879C.



This preview shows how white text looks on a background with the Hex color 4A879C.

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](#).

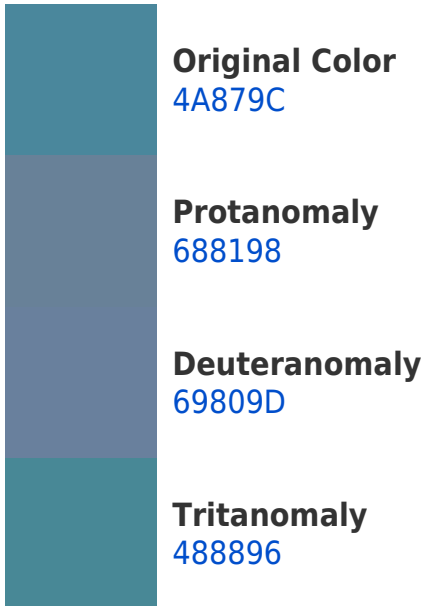
Dichromacy





Tritanopia
478893

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4A879C 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 #4A879C looks like.

```
.text, #text, p{  
    color:#4A879C  
}
```

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 #4A879C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A879C
}
```

Border

The CSS property to change the border of an element to Hex 4A879C 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
#4A879C }
```

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

```
.border{ border-color:#4A879C }
```

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

Here you see how a box with a 4 pixel #4A879C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A879C; -webkit-box-shadow:4px 4px  
4px 4px #4A879C; box-shadow:4px 4px 4px  
4px #4A879C }
```

Background

The CSS property to change the background color of an element to Hex 4A879C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A879C }
```

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

```
.background{ background-color:#4A879C }
```

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