

# Converting Colors

Hex(4C807A)

Have a look what the booklet for  
Hex(4C807A) contains.

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# Color

Hex(4C807A)

# Conversions

## Conversions Part 1

Format	Color
Hex	4C807A
RGB	76, 128, 122
RGB Percent	30%, 50%, 48%
CMY	0.7020, 0.4980, 0.5216
CMYK	0.41, 0.00, 0.05, 0.50
HSL	173°, 25%, 40%
HSV	173°, 41%, 50%
XYZ	14.2125, 18.3800, 21.2110
YIQ	111.7680, -29.0660, -12.8900

# Conversions

## Conversions Part 2

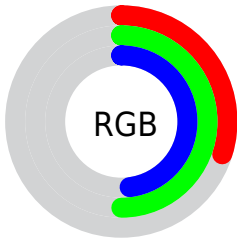
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	76, 104, 128
Decimal	5013626
CIE <sub>Lab</sub>	49.95, -18.90, -2.23
CIE <sub>LCh</sub>	50, 19.026, 186.718
Yxy	18.3800, 0.2642, 0.3416
Android (android.graphics.Color)	4283203706 (0xFF4C807A)
YUV	111.7680, 5.0444, -31.3685
Hunter-Lab	42.8719, -15.8510, 0.6764

# Details

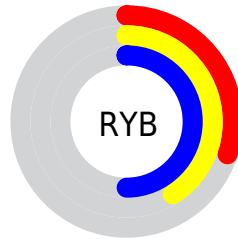
The Hex color **4C807A** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **804C52**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **80B5AE**, and **194F49** is the 20% darker color. If you saturate the color by 10%, you get **3F8079**, and if you desaturate by 10%, it is **59807B**.

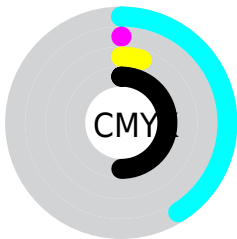
# Distribution



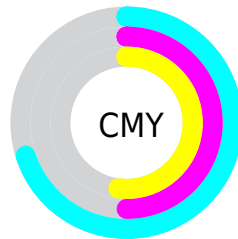
- Red (30%)
- Green (50%)
- Blue (48%)



- Red (30%)
- Yellow (41%)
- Blue (50%)



- Cyan (41%)
- Magenta (0%)
- Yellow (5%)
- Black (50%)



- Cyan (70%)
- Magenta (50%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4C807A 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 4C807A by changing the saturation by 10% instead.





4C807A



4C807A

FFFFFF



336761



80B5AE



194F49



9AD1CA



003733



B6EDE6



00221E



D2FFFF



000005



EFFFFFF



000000



4C807A



4C807A



3F8079



59807B



328077



66807D

■ 268076

■ 72807E

■ 198074

■ 7F8080

■ 0C8073

■ 8C8081

■ 008071

■ 998083

■ A68084

■ B28086

■ BF8087

# Harmonies

## Analogous

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



5B7F6A



4C807A



487F8A

# Triad

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



4C807A



7E7191



8E725A

# Complementary

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



4C807A



804C52

# 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.



966D64



4C807A



8F6D84

# Square

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



4C807A



687797



976B74



7F7757

# Rectangle

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



4C807A



4E7D91



976B74



91705C



# Sweetspot

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



4C807A



92A6A3



52804C



485453



D4D4D4



545454



# Same Dimension

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



4C807A



55A69C



4C6C80



39403F



008071



000000



# Inverse Universe

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



804C52



A6555E



80604C



40393A



80000F



000000



# Previews

## White Background



This preview shows how the Hex color 4C807A looks on a white background.

## Color Contrast Check

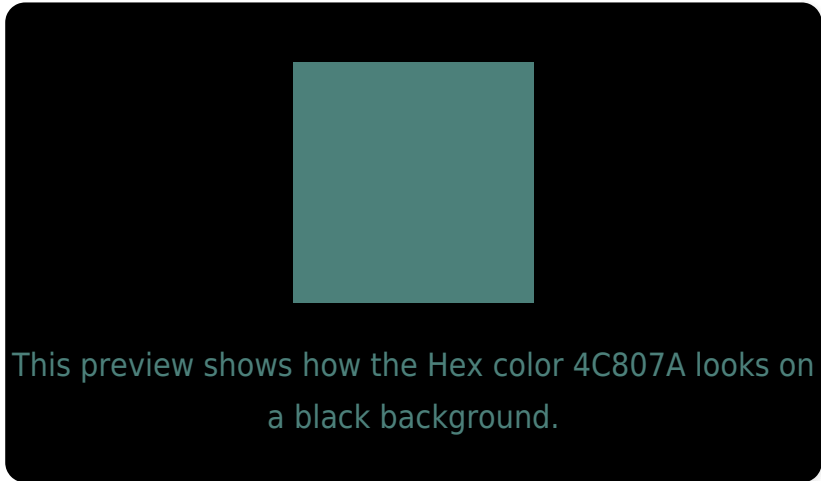
Large Text (above 18pt) WCAG AA ✓ Pass

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

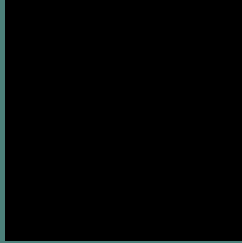
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 4C807A Background



This preview shows how black text looks on a background with the Hex color 4C807A.



This preview shows how white text looks on a background with the Hex color 4C807A.

# 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



**Original Color**  
4C807A

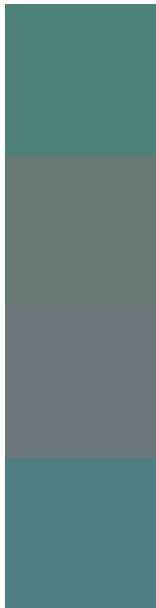
**Protanopia**  
797674

**Deuteranopia**  
7F737D



**Tritanopia**  
507E88

# Trichromacy



**Original Color**  
4C807A

**Protanomaly**  
697A76

**Deuteranomaly**  
6C787C

**Tritanomaly**  
4F7F83

# Monochromacy



**Original Color**  
4C807A

**Achromatopsia**  
707070

**Achromatomaly**  
637674

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4C807A 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 #4C807A looks like.

```
.text, #text, p{  
    color:#4C807A  
}
```

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 #4C807A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C807A
}
```

## Border

The CSS property to change the border of an element to Hex 4C807A 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
#4C807A }
```

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

```
.border{ border-color:#4C807A }
```

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

Here you see how a box with a 4 pixel #4C807A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C807A; -webkit-box-shadow:4px 4px  
4px 4px #4C807A; box-shadow:4px 4px 4px  
4px #4C807A }
```

# Background

The CSS property to change the background color of an element to Hex 4C807A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C807A }
```

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

```
.background{ background-color:#4C807A }
```

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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