

# Converting Colors

Hex(4C9E78)

Have a look what the booklet for  
Hex(4C9E78) contains.

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# Color

Hex(4C9E78)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4C9E78
RGB	76, 158, 120
RGB Percent	30%, 62%, 47%
CMY	0.7020, 0.3804, 0.5294
CMYK	0.52, 0.00, 0.24, 0.38
HSL	152°, 35%, 46%
HSV	152°, 52%, 62%
XYZ	18.5975, 27.3463, 22.0675
YIQ	129.1500, -36.6740, -29.2020

# Conversions

## Conversions Part 2

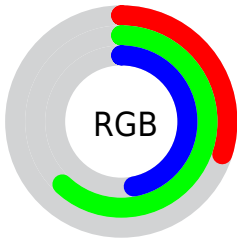
<b>Format</b>	<b>Color</b>
<b>RYB</b>	76, 129, 158
Decimal	5021304
CIELab	59.29, -34.27, 12.34
CIElCh	59, 36.420, 160.199
Yxy	27.3463, 0.2734, 0.4021
Android (android.graphics.Color)	4283211384 (0xFF4C9E78)
YUV	129.1500, -4.5110, -46.6126
Hunter-Lab	52.2937, -28.0329, 11.5857

# Details

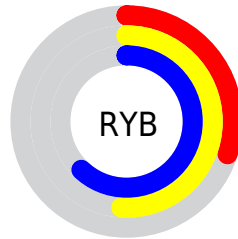
The Hex color **4C9E78** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **9E4C72**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **82D5AC**, and **0D6A47** is the 20% darker color. If you saturate the color by 10%, you get **3C9E71**, and if you desaturate by 10%, it is **5C9E7F**.

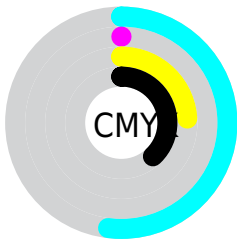
# Distribution



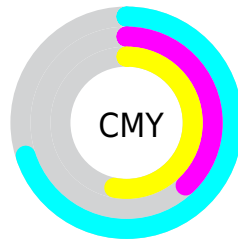
- Red (30%)
- Green (62%)
- Blue (47%)



- Red (30%)
- Yellow (51%)
- Blue (62%)



- Cyan (52%)
- Magenta (0%)
- Yellow (24%)
- Black (38%)



- Cyan (70%)
- Magenta (38%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4C9E78 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 4C9E78 by changing the saturation by 10% instead.





4C9E78



4C9E78

FFFFFF



30845F



82D5AC



0D6A47



9EF2C8



005131



BAFFE4



00391C



D7FFFF



002502



F4FFFF



000000



4C9E78



4C9E78



3C9E71



5C9E7F



2C9E69



6C9E87

■ 1D9E62

■ 7B9E8E

■ 0D9E5B

■ 8B9E95

■ 009E55

■ 9B9E9D

■ AB9EA4

■ BB9EAB

■ CA9EB3

■ DA9EBA

# Harmonies

## Analogous

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



76995D



4C9E78



03A099

# Triad

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



4C9E78



718ECD



C87B67

# Complementary

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



4C9E78



9E4C72

# 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.



CC7585



4C9E78



A082C0

# Square

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



4C9E78



3098CA



BF78A5



B58553

# Rectangle

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



4C9E78



009FAE



BF78A5



CB7870



# Sweetspot

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



4C9E78



AECFBF



729E4C



55695F



E8E8E8



696969



# Same Dimension

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



4C9E78



4ECF93



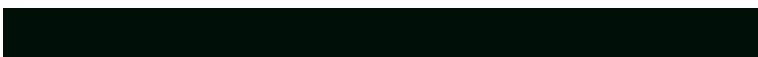
4C9B9E



474F4B



008F4D



000F08



# Inverse Universe

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



9E4C72



CF4E8A



9E4F4C



4F474B



8F0042



0F0007



# Previews

## White Background



This preview shows how the Hex color 4C9E78 looks on a white background.

## Color Contrast Check

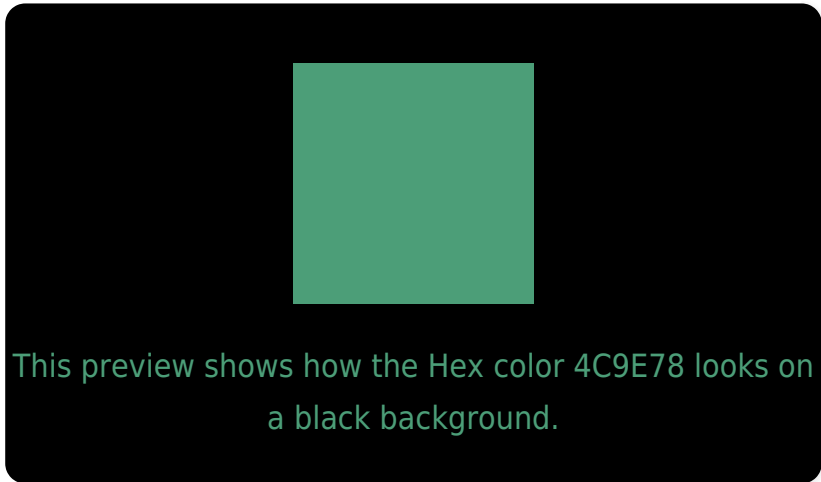
Large Text (above 18pt) WCAG AA ✓ Pass

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 4C9E78 Background



This preview shows how black text looks on a background with the Hex color 4C9E78.



This preview shows how white text looks on a background with the Hex color 4C9E78.

# 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](#).

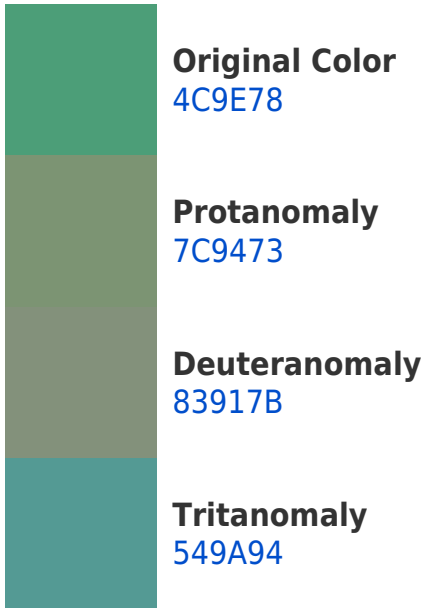
## Dichromacy





**Tritanopia**  
5998A4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4C9E78 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 #4C9E78 looks like.

```
.text, #text, p{  
    color:#4C9E78  
}
```

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 #4C9E78 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C9E78
}
```

## Border

The CSS property to change the border of an element to Hex 4C9E78 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
#4C9E78 }
```

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

```
.border{ border-color:#4C9E78 }
```

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

Here you see how a box with a 4 pixel #4C9E78 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C9E78; -webkit-box-shadow:4px 4px  
4px 4px #4C9E78; box-shadow:4px 4px 4px  
4px #4C9E78 }
```

# Background

The CSS property to change the background color of an element to Hex 4C9E78 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C9E78 }
```

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

```
.background{ background-color:#4C9E78 }
```

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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