

# Converting Colors

Hex(4C9D74)

Have a look what the booklet for  
Hex(4C9D74) contains.

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# Color

Hex(4C9D74)

# Conversions

## Conversions Part 1

Format	Color
Hex	4C9D74
RGB	76, 157, 116
RGB Percent	30%, 62%, 45%
CMY	0.7020, 0.3843, 0.5451
CMYK	0.52, 0.00, 0.26, 0.38
HSL	150°, 35%, 46%
HSV	150°, 52%, 62%
XYZ	18.1898, 26.9114, 20.7587
YIQ	128.1070, -35.1150, -29.9230

# Conversions

## Conversions Part 2

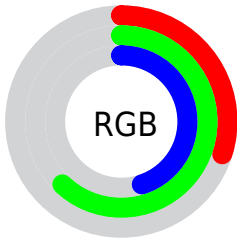
<b>Format</b>	<b>Color</b>
<b>RYB</b>	76, 130, 157
Decimal	5021044
CIELab	58.89, -34.67, 14.02
CIELCh	59, 37.399, 157.991
Yxy	26.9114, 0.2762, 0.4086
Android (android.graphics.Color)	4283211124 (0xFF4C9D74)
YUV	128.1070, -5.9688, -45.6978
Hunter-Lab	51.8762, -28.1942, 12.5879

# Details

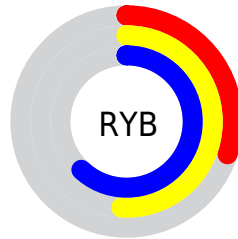
The Hex color **4C9D74** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **9D4C75**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **82D4A8**, and **0E6944** is the 20% darker color. If you saturate the color by 10%, you get **3C9D6C**, and if you desaturate by 10%, it is **5C9D7C**.

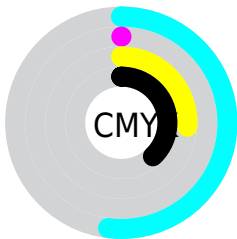
# Distribution



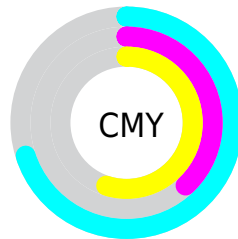
- Red (30%)
- Green (62%)
- Blue (45%)



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



- Cyan (52%)
- Magenta (0%)
- Yellow (26%)
- Black (38%)



- Cyan (70%)
- Magenta (38%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4C9D74 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 4C9D74 by changing the saturation by 10% instead.





4C9D74



4C9D74

FFFFFF



30835B



82D4A8



0E6944



9EF1C3



00502D



BAFFDF



003818



D6FFFC



002400



F4FFFF



000000



4C9D74



4C9D74



3C9D6C



5C9D7C



2D9D64



6B9D84

■ 1D9D5C

■ 7B9D8C

■ 0D9D54

■ 8B9D94

■ 009D4E

■ 9B9D9C

■ AA9DA4

■ BA9DAC

■ CA9DB4

■ D99DBC

# Harmonies

## Analogous

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



779859



4C9D74



009F96

# Triad

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



4C9D74



6A8ECE



C97867

# Complementary

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



4C9D74



9D4C75

# 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.



CC7386



4C9D74



9C82C2

# Square

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



4C9D74



1F98CA



BE77A7



B78351

# Rectangle

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



4C9D74



009EAB



BE77A7



CC7671



# Sweetspot

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



4C9D74



ADCCBD



769D4C



54665D



E6E6E6



666666



# Same Dimension

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



4C9D74



4ECC8C



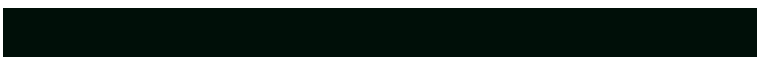
4C9D9C



474F4B



008F47



000F08



# Inverse Universe

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



9D4C75



CC4E8E



9D4C4D



4F474B



8F0048



0F0008



# Previews

## White Background



This preview shows how the Hex color 4C9D74 looks on a white background.

## Color Contrast Check

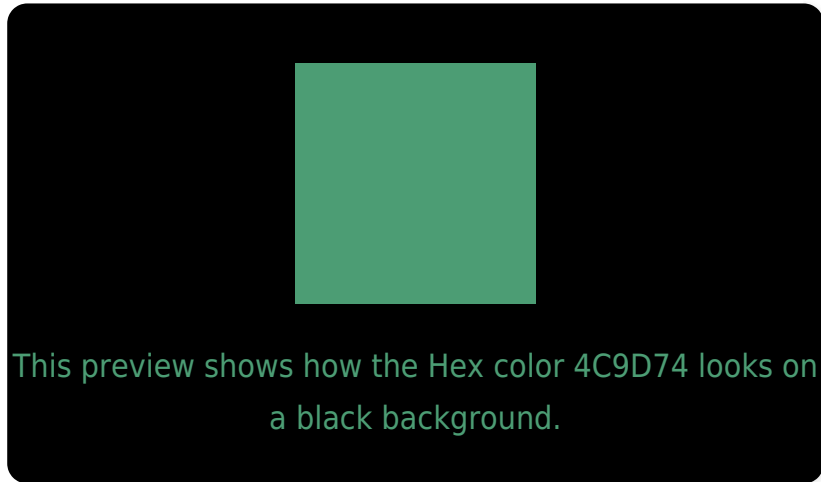
Large Text (above 18pt) WCAG AA ✓ Pass

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

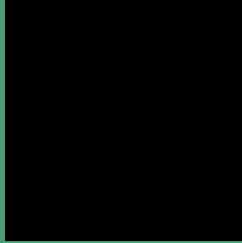
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 4C9D74 Background



This preview shows how black text looks on a background with the Hex color 4C9D74.

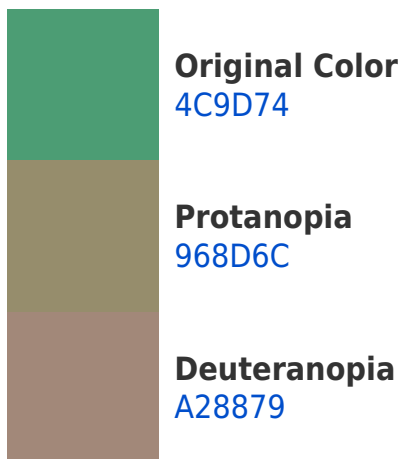


This preview shows how white text looks on a background with the Hex color 4C9D74.

# 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**  
5997A3

# Trichromacy



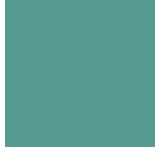
**Original Color**  
4C9D74



**Protanomaly**  
7B936F



**Deuteranomaly**  
839077



**Tritanomaly**  
549992

# Monochromacy



**Original Color**  
4C9D74



**Achromatopsia**  
808080



**Achromatomaly**  
6D8B7C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4C9D74 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 #4C9D74 looks like.

```
.text, #text, p{  
    color:#4C9D74  
}
```

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 #4C9D74 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C9D74  
}
```

## Border

The CSS property to change the border of an element to Hex 4C9D74 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  
#4C9D74 }
```

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

```
.border{ border-color:#4C9D74 }
```

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

Here you see how a box with a 4 pixel #4C9D74 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C9D74; -webkit-box-shadow:4px 4px  
4px 4px #4C9D74; box-shadow:4px 4px 4px  
4px #4C9D74 }
```

# Background

The CSS property to change the background color of an element to Hex 4C9D74 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C9D74 }
```

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

```
.background{ background-color:#4C9D74 }
```

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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