

# Converting Colors

Hex(4D9B74)

Have a look what the booklet for  
Hex(4D9B74) contains.

<b>Hex(4D9B74)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(4D9B74)

# Conversions

## Conversions Part 1

Format	Color
Hex	4D9B74
RGB	77, 155, 116
RGB Percent	30%, 61%, 45%
CMY	0.6980, 0.3922, 0.5451
CMYK	0.50, 0.00, 0.25, 0.39
HSL	150°, 34%, 45%
HSV	150°, 50%, 61%
XYZ	17.9343, 26.2814, 20.6506
YIQ	127.2320, -33.9690, -28.6650

# Conversions

## Conversions Part 2

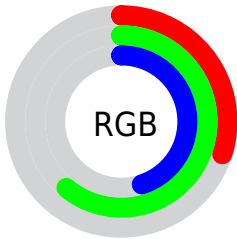
Format	Color
<b>RYB</b>	77, 129, 155
Decimal	5086068
CIELab	58.30, -33.49, 13.20
CIELCh	58, 35.998, 158.489
Yxy	26.2814, 0.2765, 0.4052
Android (android.graphics.Color)	4283276148 (0xFF4D9B74)
YUV	127.2320, -5.5374, -44.0535
Hunter-Lab	51.2654, -27.2694, 12.0028

# Details

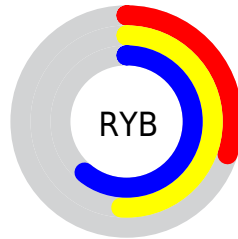
The Hex color **4D9B74** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **9B4D74**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **83D2A8**, and **126744** is the 20% darker color. If you saturate the color by 10%, you get **3E9B6C**, and if you desaturate by 10%, it is **5D9B7C**.

# Distribution



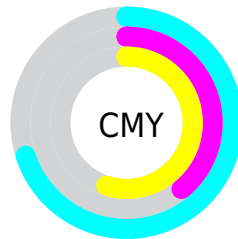
- Red (30%)
- Green (61%)
- Blue (45%)



- Red (30%)
- Yellow (51%)
- Blue (61%)



- Cyan (50%)
- Magenta (0%)
- Yellow (25%)
- Black (39%)



- Cyan (70%)
- Magenta (39%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4D9B74 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 4D9B74 by changing the saturation by 10% instead.





4D9B74



4D9B74

FFFFFF



32815B



83D2A8



126744



9EEEC3



004E2D



BAFFDF



003718



D7FFFC



002300



F4FFFF



000000



4D9B74



4D9B74



3E9B6C



5D9B7C



2E9B65



6C9B84

■ 1F9B5D

■ 7B9B8B

■ 0F9B55

■ 8B9B93

■ 009B4E

■ 9B9B9B

■ AA9BA3

■ BA9BAA

■ C99BB2

■ D89BBA

# Harmonies

## Analogous

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



75965A



4D9B74



0B9D94

# Triad

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



4D9B74



6C8CCA



C57866

# Complementary

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



4D9B74



9B4D74

# 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.



C97384



4D9B74



9B81BE

# Square

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



4D9B74



2A96C6



BB76A4



B38252

# Rectangle

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



4D9B74



009CA9



BB76A4



C87670



# Sweetspot

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



4D9B74



ABC9BA



749B4D



54665D



E6E6E6



666666



# Same Dimension

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



4D9B74



51C98D



4D9B9B



454D49



008C46



000D06



# Inverse Universe

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



9B4D74



C9518D



9B4D4D



4D4549



8C0046



0D0006



# Previews

## White Background



This preview shows how the Hex color 4D9B74 looks on a white background.

## Color Contrast Check

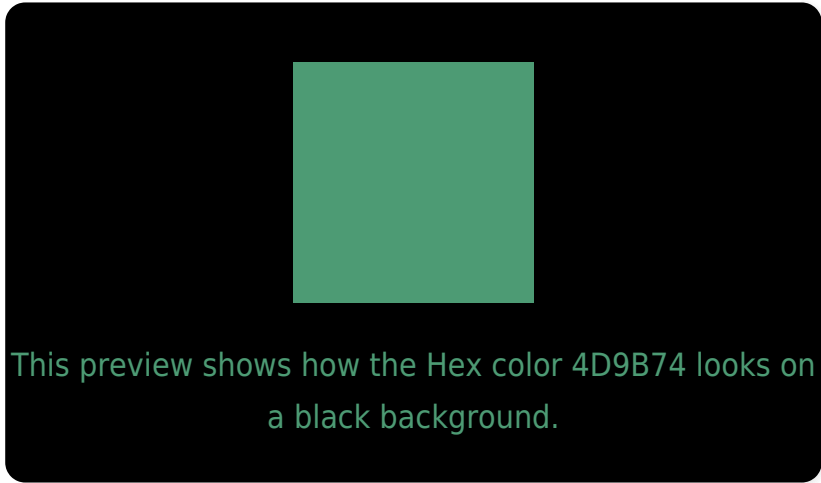
Large Text (above 18pt) WCAG AA ✓ Pass

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 4D9B74 Background



This preview shows how black text looks on a background with the Hex color 4D9B74.

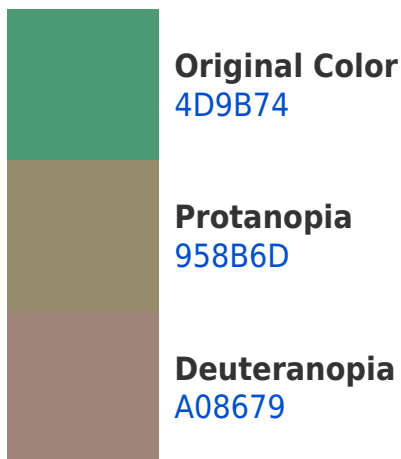


This preview shows how white text looks on a background with the Hex color 4D9B74.

# 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**  
5995A1

# Trichromacy



**Original Color**  
4D9B74



**Protanomaly**  
7B9170



**Deuteranomaly**  
828E77



**Tritanomaly**  
559791

# Monochromacy



**Original Color**  
4D9B74



**Achromatopsia**  
7F7F7F



**Achromatomaly**  
6D897B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4D9B74 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 #4D9B74 looks like.

```
.text, #text, p{  
    color:#4D9B74  
}
```

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 #4D9B74 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D9B74
}
```

## Border

The CSS property to change the border of an element to Hex 4D9B74 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
#4D9B74 }
```

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

```
.border{ border-color:#4D9B74 }
```

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

Here you see how a box with a 4 pixel #4D9B74 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D9B74; -webkit-box-shadow:4px 4px  
4px 4px #4D9B74; box-shadow:4px 4px 4px  
4px #4D9B74 }
```

# Background

The CSS property to change the background color of an element to Hex 4D9B74 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D9B74 }
```

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

```
.background{ background-color:#4D9B74 }
```

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