

# Converting Colors

Hex(49A47C)

Have a look what the booklet for  
Hex(49A47C) contains.

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**Color**

**Hex(49A47C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	49A47C
RGB	73, 164, 124
RGB Percent	29%, 64%, 49%
CMY	0.7137, 0.3569, 0.5137
CMYK	0.55, 0.00, 0.24, 0.36
HSL	154°, 38%, 46%
HSV	154°, 55%, 64%
XYZ	19.6612, 29.4226, 23.7117
YIQ	132.2310, -41.3960, -31.7320

# Conversions

## Conversions Part 2

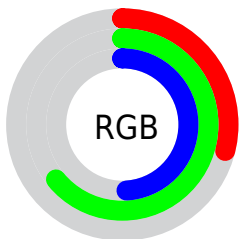
<b>Format</b>	<b>Color</b>
<b>RYB</b>	73, 131, 164
Decimal	4826236
CIELab	61.15, -36.85, 12.69
CIElCh	61, 38.974, 160.991
Yxy	29.4226, 0.2701, 0.4042
Android (android.graphics.Color)	4283016316 (0xFF49A47C)
YUV	132.2310, -4.0579, -51.9456
Hunter-Lab	54.2426, -30.2241, 12.0518

# Details

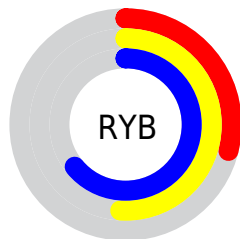
The Hex color **49A47C** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A44971**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **81DCB1**, and **006F4B** is the 20% darker color. If you saturate the color by 10%, you get **39A475**, and if you desaturate by 10%, it is **59A483**.

# Distribution



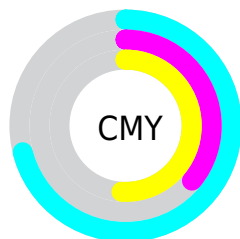
- Red (29%)
- Green (64%)
- Blue (49%)



- Red (29%)
- Yellow (51%)
- Blue (64%)



- Cyan (55%)
- Magenta (0%)
- Yellow (24%)
- Black (36%)



- Cyan (71%)
- Magenta (36%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 49A47C 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 49A47C by changing the saturation by 10% instead.



 49A47C

 49A47C

FFFFFF

 2B8963

 81DCB1

 006F4B

 9CF8CC

 005634

 B9FFE8

 003E1F

 D6FFFF

 002808

 F3FFFF

 000800

 000000

 49A47C

 49A47C

 39A475

 59A483

 28A46E

 6AA48A

 18A466

 7AA492

 07A45F

 8BA499

 00A45C

 9BA4A0

 ABA4A7

 BCA4AE

 CCA4B6

 DDA4BD

# Harmonies

## Analogous

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



779F5E



49A47C



00A6A0

# Triad

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



49A47C



7493D7



D07E68

# Complementary

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



49A47C



A44971

# 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.



D67888



49A47C



A786C8

# Square

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



49A47C



289DD4



C87BAB



BC8A52

# Rectangle

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



49A47C



00A5B6



C87BAB



D47B72



# Sweetspot

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



49A47C



B2D6C6



72A449



566B62



EBEBEB



6B6B6B



# Same Dimension

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



49A47C



47D697



499FA4



49524E



009151



00120A



# Inverse Universe

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



A44971



D64786



A44E49



52494D



910040

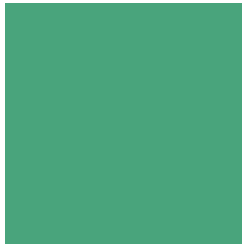


120008



# Previews

## White Background



This preview shows how the Hex color 49A47C looks on a white background.

## Color Contrast Check

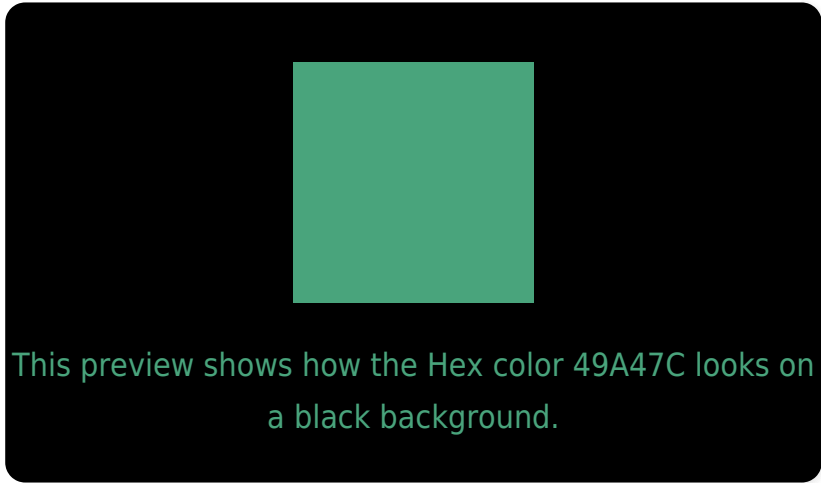
Large Text (above 18pt) WCAG AA ✓ Pass

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

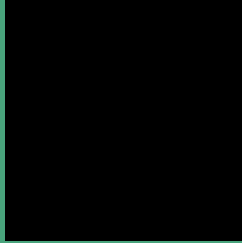
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 49A47C Background



This preview shows how black text looks on a background with the Hex color 49A47C.



This preview shows how white text looks on a background with the Hex color 49A47C.

# 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](#).

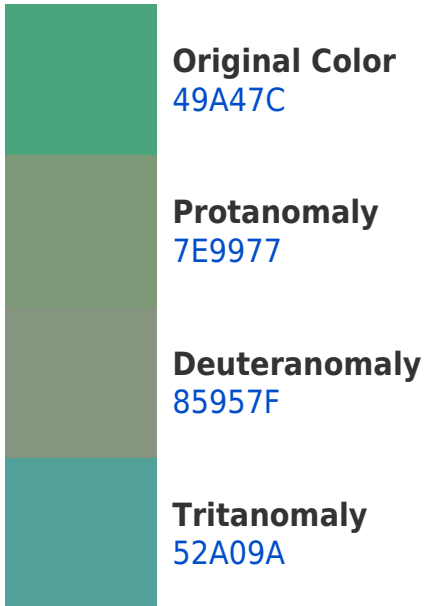
## Dichromacy



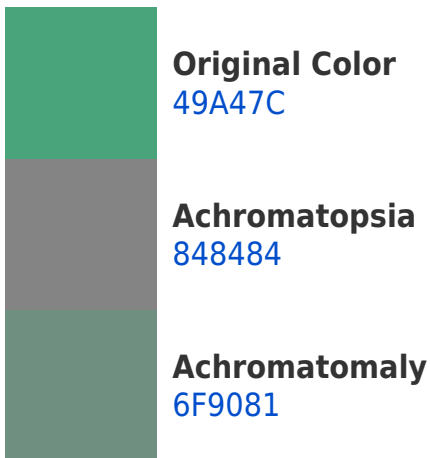


**Tritanopia**  
579EAB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 49A47C 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 #49A47C looks like.

```
.text, #text, p{  
    color:#49A47C  
}
```

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 #49A47C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49A47C
}
```

## Border

The CSS property to change the border of an element to Hex 49A47C 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
#49A47C }
```

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

```
.border{ border-color:#49A47C }
```

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

Here you see how a box with a 4 pixel #49A47C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49A47C; -webkit-box-shadow:4px 4px  
4px 4px #49A47C; box-shadow:4px 4px 4px  
4px #49A47C }
```

# Background

The CSS property to change the background color of an element to Hex 49A47C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49A47C }
```

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

```
.background{ background-color:#49A47C }
```

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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