

Converting Colors

Hex(C49A77)

Have a look what the booklet for
Hex(C49A77) contains.

Hex(C49A77)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(C49A77)

Conversions

Conversions Part 1

Format	Color
Hex	C49A77
RGB	196, 154, 119
RGB Percent	77%, 60%, 47%
CMY	0.2314, 0.3961, 0.5333
CMYK	0.00, 0.21, 0.39, 0.23
HSL	27°, 39%, 62%
HSV	27°, 39%, 77%
XYZ	37.6503, 36.1789, 22.4516
YIQ	162.5680, 36.2670, -1.9810

Conversions

Conversions Part 2

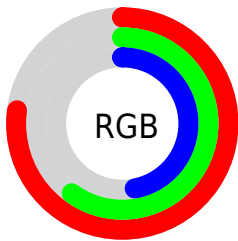
Format	Color
R _Y B	196, 183, 119
Decimal	12884599
CIE Lab	66.66, 10.93, 24.35
CIE LCh	67, 26.695, 65.826
Yxy	36.1789, 0.3910, 0.3758
Android (android.graphics.Color)	4291074679 (0xFFC49A77)
YUV	162.5680, -21.4790, 29.3199
Hunter-Lab	60.1489, 6.4719, 19.9732

Details

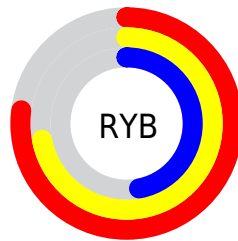
The Hex color **C49A77** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **77A1C4**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **FED0AB**, and **8D6746** is the 20% darker color. If you saturate the color by 10%, you get **C48F63**, and if you desaturate by 10%, it is **C4A58B**.

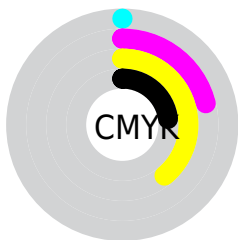
Distribution



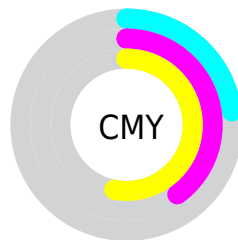
- Red (77%)
- Green (60%)
- Blue (47%)



- Red (77%)
- Yellow (72%)
- Blue (47%)



- Cyan (0%)
- Magenta (21%)
- Yellow (39%)
- Black (23%)



- Cyan (23%)
- Magenta (40%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color C49A77 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 C49A77 by changing the saturation by 10% instead.



C49A77



C49A77

FFFFFF



A8805E



FED0AB



8D6746



FFEDC7



724F2F



FFFFE3



58381A



3F2200



270E00



000000



C49A77



C49A77



C48F63



C4A58B

 C48550

 C4AF9E

 C47A3C

 C4BAB2

 C46F29

 C4C5C5

 C46515

 C4CFD9

 C45A01

 C4DAED

 C45900

 C4E5FF

 C4F0FF

 C4FAFF

Harmonies

Analogous

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



D19387



C49A77



AFA272

Triad

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



C49A77



61B0A6



AC9AC9

Complementary

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



C49A77



77A1C4

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.



8AA3D1



C49A77



59AEBD

Square

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



C49A77



79AE8E



6AAACD



C593B6

Rectangle

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



C49A77



9EA776



6AAACD



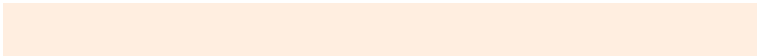
A19DCD

Sweetspot

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



C49A77



FFEEE0



C477A1



80766E



000000



808080

Same Dimension

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



C49A77



FFBE87



C4C077



615C57



A14900



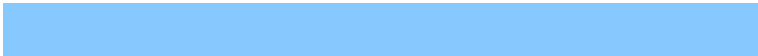
210F00

Inverse Universe

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



77A1C4



87C9FF



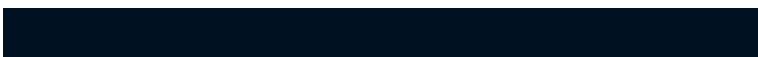
777BC4



575C61



0058A1



001221

Previews

White Background



This preview shows how the Hex color C49A77 looks on a white background.

Color Contrast Check

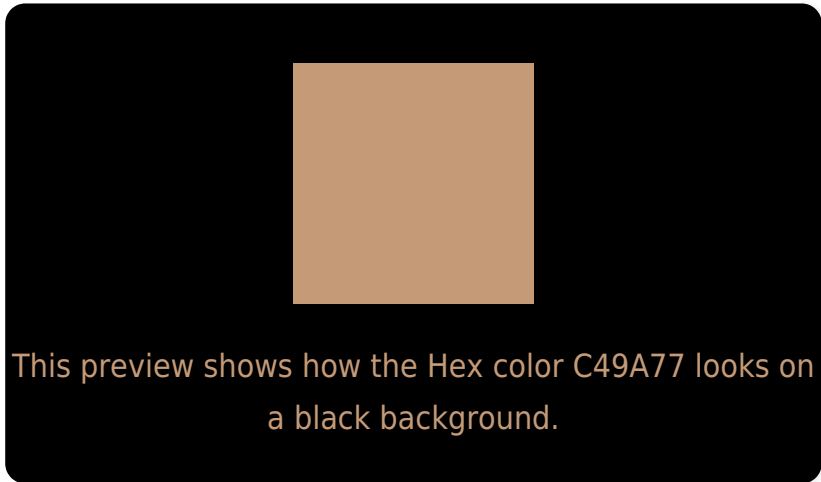
Large Text (above 18pt) WCAG AA × Fail

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

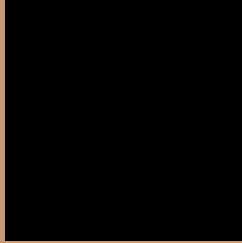
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Hex C49A77 Background



This preview shows how black text looks on a background with the Hex color C49A77.

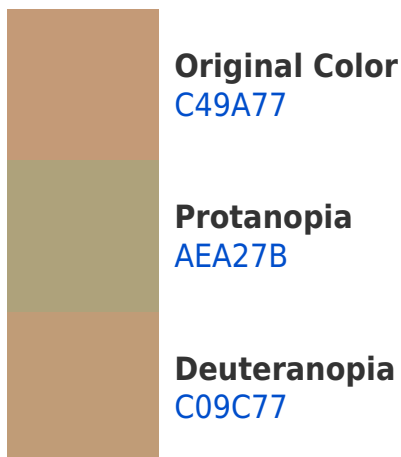


This preview shows how white text looks on a background with the Hex color C49A77.

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](#).

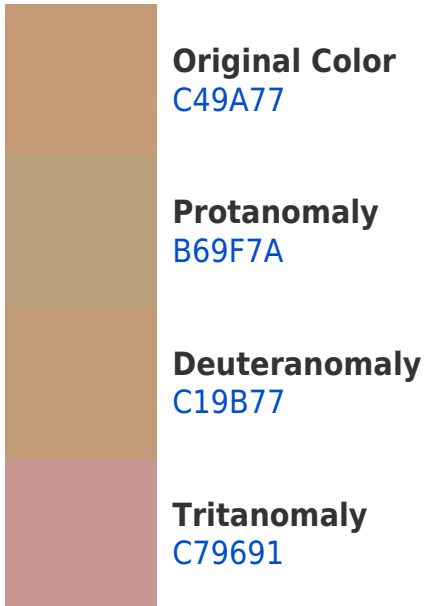
Dichromacy



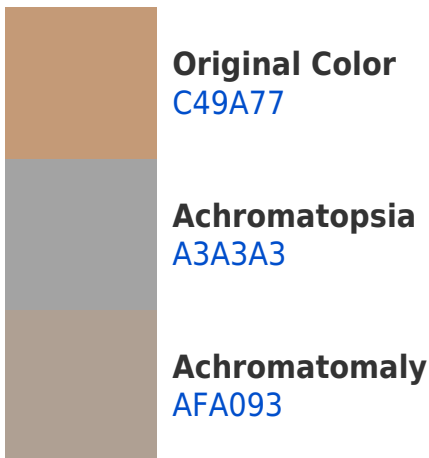


Tritanopia
C894A0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C49A77 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 #C49A77 looks like.

```
.text, #text, p{  
    color:#C49A77  
}
```

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 #C49A77 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C49A77  
}
```

Border

The CSS property to change the border of an element to Hex C49A77 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  
#C49A77 }
```

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

```
.border{ border-color:#C49A77 }
```

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

Here you see how a box with a 4 pixel #C49A77 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C49A77; -webkit-box-shadow:4px 4px  
4px 4px #C49A77; box-shadow:4px 4px 4px  
4px #C49A77 }
```

Background

The CSS property to change the background color of an element to Hex C49A77 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C49A77 }
```

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

```
.background{ background-color:#C49A77 }
```

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