

# Converting Colors

Hex(C4A954)

Have a look what the booklet for  
Hex(C4A954) contains.

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**Color**

**Hex(C4A954)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C4A954
RGB	196, 169, 84
RGB Percent	77%, 66%, 33%
CMY	0.2314, 0.3373, 0.6706
CMYK	0.00, 0.14, 0.57, 0.23
HSL	46°, 49%, 55%
HSV	46°, 57%, 77%
XYZ	38.5532, 40.7518, 14.2214
YIQ	167.3830, 43.3770, -20.7110

# Conversions

## Conversions Part 2

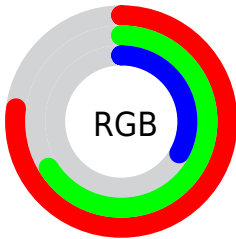
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">120, 196, 84</a>
Decimal	<a href="#">12888404</a>
CIELab	<a href="#">70.00, -0.58, 46.80</a>
CIELCh	<a href="#">70, 46.808, 90.705</a>
Yxy	<a href="#">40.7518, 0.4122, 0.4357</a>
Android (android.graphics.Color)	<a href="#">4291078484 (0xFFC4A954)</a>
YUV	<a href="#">167.3830, -41.1078, 25.0971</a>
Hunter-Lab	<a href="#">63.8371, -3.9135, 31.4776</a>

# Details

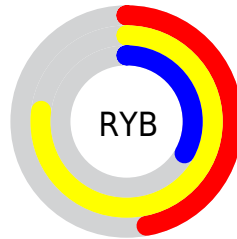
The Hex color **C4A954** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **546FC4**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **FFE088**, and **8C7521** is the 20% darker color. If you saturate the color by 10%, you get **C4A440**, and if you desaturate by 10%, it is **C4AE68**.

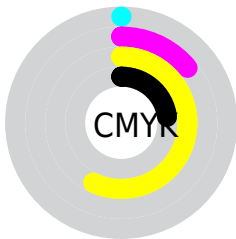
# Distribution



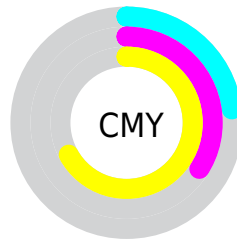
- Red (77%)
- Green (66%)
- Blue (33%)



- Red (47%)
- Yellow (77%)
- Blue (33%)



- Cyan (0%)
- Magenta (14%)
- Yellow (57%)
- Black (23%)



- Cyan (23%)
- Magenta (34%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C4A954 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 C4A954 by changing the saturation by 10% instead.



 C4A954

 C4A954

FFFFFF

 A78F3B

 FFE088

 8C7521

 FFFDA3

 705D02

 FFFFFB

 564500

 FFFFDB

 3C2F00

 FFFFF8

 231B00

 000000

 C4A954

 C4A954

 C4A440

 C4AE68

 C4A02D

 C4B27B

 C49B19

 C4B78F

 C49606

 C4BCA2

 C49500

 C4C1B6

 C4C5CA

 C4CADD

 C4CFF1

 C4D4FF

# Harmonies

## Analogous

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



E69A62



C4A954



98B560

# Triad

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



C4A954



00C0D5



E190D5

# Complementary

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



C4A954



546FC4

# 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.



B0A0F4



C4A954



00BAF4

# Square

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



C4A954



00C1AB



65AFFF



F988AC

# Rectangle

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



C4A954



76BB73



65AFFF



D395E1



# Sweetspot

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



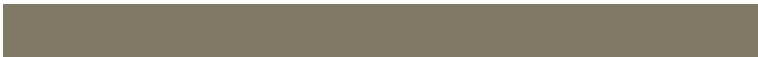
C4A954



FFF5D4



C45470



807966



000000



808080



# Same Dimension

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



C4A954



FFD54F



A8C454



615F57



A17A00



211900



# Inverse Universe

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



546FC4



4F79FF



7054C4



575A61



0027A1



000821



# Previews

## White Background



This preview shows how the Hex color C4A954 looks on a white background.

## Color Contrast Check

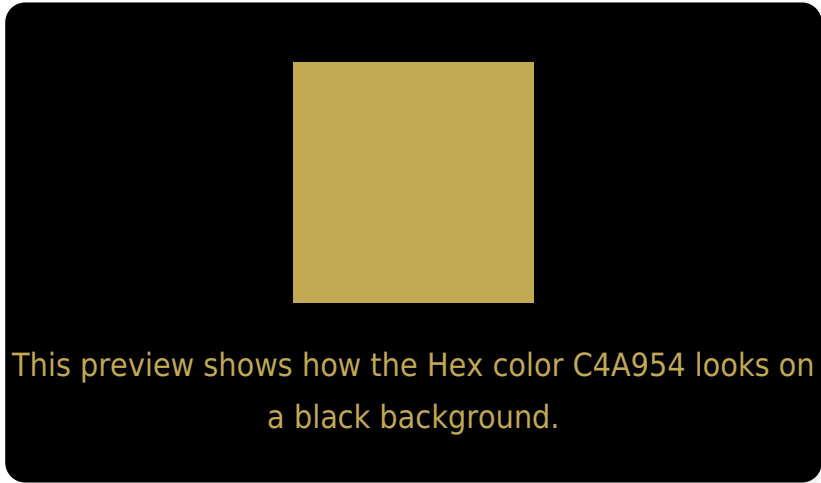
Large Text (above 18pt) WCAG AA × Fail

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 C4A954 Background



This preview shows how black text looks on a background with the Hex color C4A954.

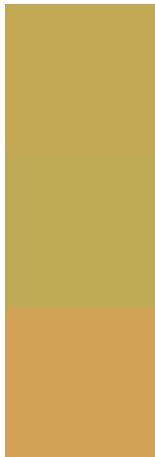


This preview shows how white text looks on a background with the Hex color C4A954.

# 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



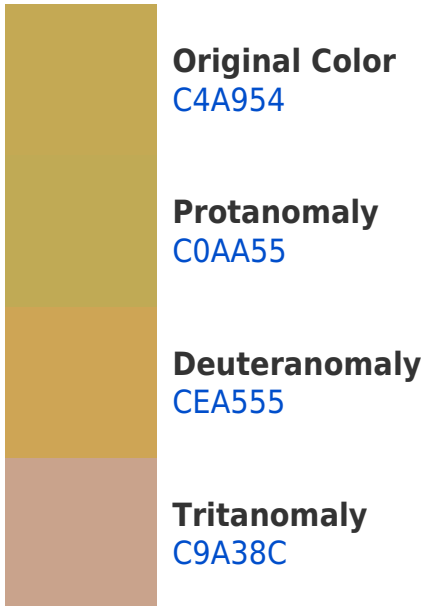
**Original Color**  
C4A954

**Protanopia**  
BDAB55

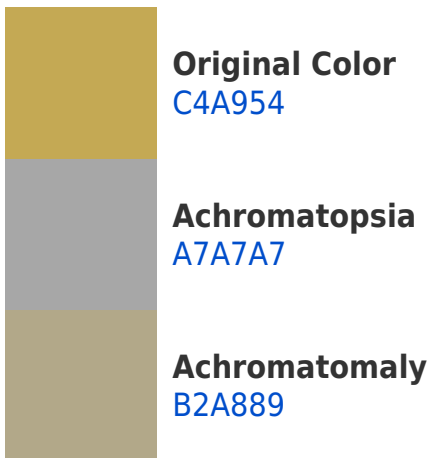
**Deuteranopia**  
D3A355



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C4A954 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 #C4A954 looks like.

```
.text, #text, p{  
    color:#C4A954  
}
```

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 #C4A954 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C4A954
}
```

## Border

The CSS property to change the border of an element to Hex C4A954 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
#C4A954 }
```

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

```
.border{ border-color:#C4A954 }
```

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

Here you see how a box with a 4 pixel #C4A954 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C4A954; -webkit-box-shadow:4px 4px  
4px 4px #C4A954; box-shadow:4px 4px 4px  
4px #C4A954 }
```

# Background

The CSS property to change the background color of an element to Hex C4A954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C4A954 }
```

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

```
.background{ background-color:#C4A954 }
```

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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