

Converting Colors

Hex(CC9C5A)

Have a look what the booklet for
Hex(CC9C5A) contains.

Hex(CC9C5A)	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(CC9C5A)

Conversions

Conversions Part 1

Format	Color
Hex	CC9C5A
RGB	204, 156, 90
RGB Percent	80%, 61%, 35%
CMY	0.2000, 0.3882, 0.6471
CMYK	0.00, 0.24, 0.56, 0.20
HSL	35°, 53%, 58%
HSV	35°, 56%, 80%
XYZ	38.6358, 37.3525, 14.8463
YIQ	162.8280, 49.7940, -10.3500

Conversions

Conversions Part 2

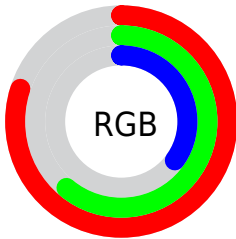
Format	Color
RYB	173, 204, 90
Decimal	13409370
CIELab	67.54, 10.30, 41.10
CIELCh	68, 42.366, 75.935
Yxy	37.3525, 0.4253, 0.4112
Android (android.graphics.Color)	4291599450 (0xFFCC9C5A)
YUV	162.8280, -35.9042, 36.1078
Hunter-Lab	61.1167, 5.8871, 28.3791

Details

The Hex color **CC9C5A** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **5A8ACC**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **FFD28E**, and **936929** is the 20% darker color. If you saturate the color by 10%, you get **CC9346**, and if you desaturate by 10%, it is **CCA56E**.

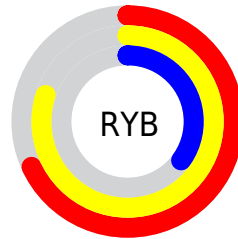
Distribution



Red (80%)

Green (61%)

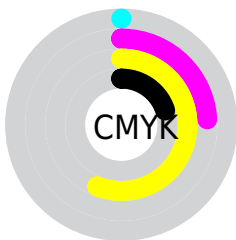
Blue (35%)



Red (68%)

Yellow (80%)

Blue (35%)

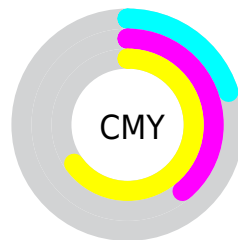


Cyan (0%)

Magenta (24%)

Yellow (56%)

Black (20%)



Cyan (20%)

Magenta (39%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color CC9C5A 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 CC9C5A by changing the saturation by 10% instead.

 CC9C5A

 CC9C5A

FFFFFF

 AF8241

 FFD28E

 936929

 FFEFA8

 775110

 FFFFC4

 5C3A00

 FFFFEO

 422400

FFFFFFD

 281000

 000000

 CC9C5A

 CC9C5A

 CC9346

 CCA56E

 CC8B31

 CCAD83

 CC821D

 CCB697

 CC7A08

 CCBEAC

 CC7600

 CCC7C0

 CCD0D4

 CCD8E9

 CCE1FD

 CCE9FF

Harmonies

Analogous

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



E58F6F



CC9C5A



A8A959

Triad

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



CC9C5A



00B8B8



C293DA

Complementary

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



CC9C5A



5A8ACC

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.



8CA1EE



CC9C5A



00B5DA

Square

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



CC9C5A



47B791



3FAEEE



E388B8

Rectangle

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



CC9C5A



8DAF65



3FAEEE



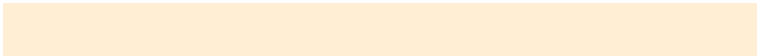
B298E2

Sweetspot

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



CC9C5A



FFEDD4



CC5A8B



807566



000000



808080

Same Dimension

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



CC9C5A



FFB754



C4CC5A



66625C



A66000



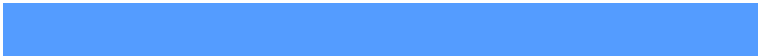
261600

Inverse Universe

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



5A8ACC



549CFF



625ACC



5C6066



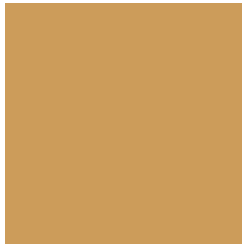
0046A6



001026

Previews

White Background



This preview shows how the Hex color CC9C5A looks on a white background.

Color Contrast Check

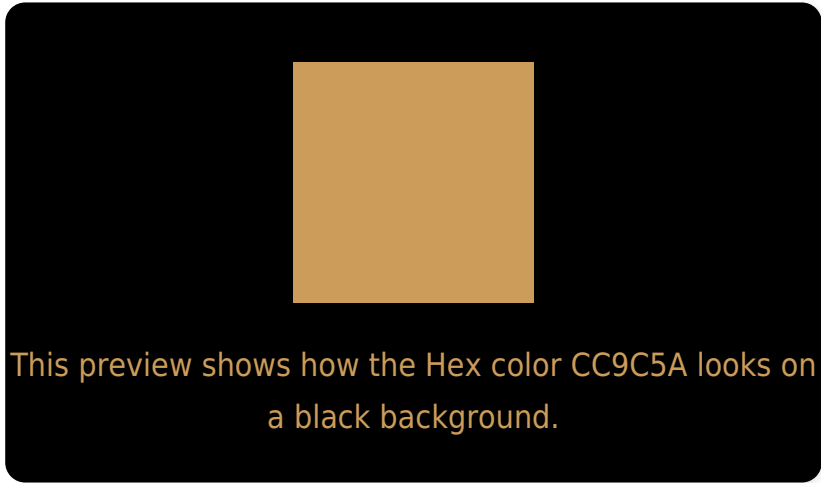
Large Text (above 18pt) WCAG AA × Fail

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 CC9C5A Background



This preview shows how black text looks on a background with the Hex color CC9C5A.

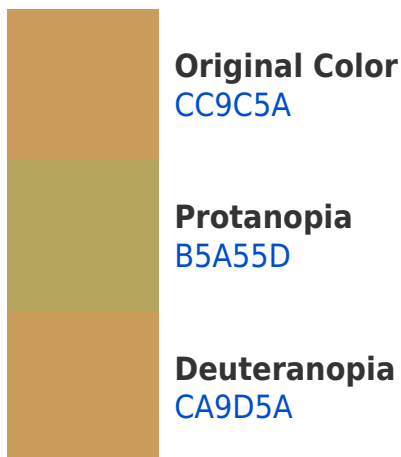



This preview shows how white text looks on a background with the Hex color CC9C5A.

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](#).

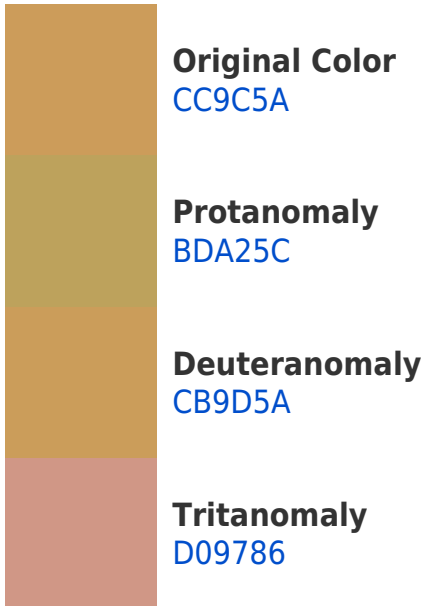
Dichromacy





Tritanopia
D2949F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CC9C5A 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 #CC9C5A looks like.

```
.text, #text, p{  
    color:#CC9C5A  
}
```

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 #CC9C5A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC9C5A
}
```

Border

The CSS property to change the border of an element to Hex CC9C5A 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
#CC9C5A }
```

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

```
.border{ border-color:#CC9C5A }
```

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

Here you see how a box with a 4 pixel #CC9C5A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC9C5A; -webkit-box-shadow:4px 4px  
4px 4px #CC9C5A; box-shadow:4px 4px 4px  
4px #CC9C5A }
```

Background

The CSS property to change the background color of an element to Hex CC9C5A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC9C5A }
```

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

```
.background{ background-color:#CC9C5A }
```

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