

# Converting Colors

Hex(CCA982)

Have a look what the booklet for  
Hex(CCA982) contains.

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**Color**

**Hex(CCA982)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CCA982
RGB	204, 169, 130
RGB Percent	80%, 66%, 51%
CMY	0.2000, 0.3373, 0.4902
CMYK	0.00, 0.17, 0.36, 0.20
HSL	32°, 42%, 65%
HSV	32°, 36%, 80%
XYZ	43.1191, 42.8250, 27.1125
YIQ	175.0190, 33.3790, -4.7090

# Conversions

## Conversions Part 2

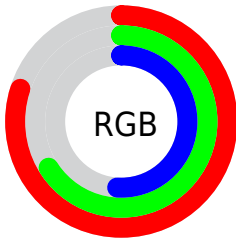
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	196, 204, 130
Decimal	13412738
CIE <sub>Lab</sub>	71.44, 7.31, 24.93
CIE <sub>LCh</sub>	71, 25.977, 73.653
Yxy	42.8250, 0.3814, 0.3788
Android (android.graphics.Color)	4291602818 (0xFFCCA982)
YUV	175.0190, -22.1944, 25.4163
Hunter-Lab	65.4408, 3.0925, 21.2444

# Details

The Hex color **CCA982** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **82A5CC**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **FFE0B7**, and **947550** is the 20% darker color. If you saturate the color by 10%, you get **CC9F6E**, and if you desaturate by 10%, it is **CCB396**.

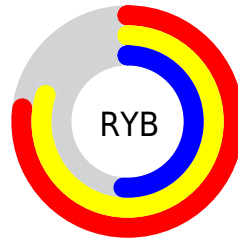
# Distribution



Red (80%)

Green (66%)

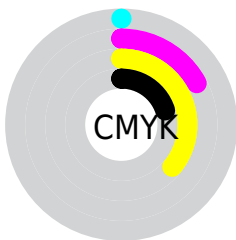
Blue (51%)



Red (77%)

Yellow (80%)

Blue (51%)

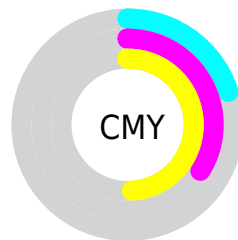


Cyan (0%)

Magenta (17%)

Yellow (36%)

Black (20%)



Cyan (20%)

Magenta (34%)

Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CCA982 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 CCA982 by changing the saturation by 10% instead.





CCA982



CCA982

FFFFFF



B08F69



FFE0B7



947550



FFFDD3



7A5C39



FFFFEF



604523



472F0D



2F1A00



160000



000000



CCA982



CCA982

 CC9F6E

 CCB396

 CC9659

 CCBCAB

 CC8C45

 CCC6BF

 CC8230

 CCD0D4

 CC791C

 CCD9E8

 CC6F08

 CCE3FC

 CC6C00

 CCEDFF

 CCF6FF

 CCFFFF

# Harmonies

## Analogous

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



DBA28F



CCA982



B5B181

# Triad

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



CCA982



6CBCB9



C0A5D1

# Complementary

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



CCA982



82A5CC

# 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.



A1ADDD



CCA982



6BBACF

# Square

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



CCA982



80BBA1



80B5DC



D69FBD

# Rectangle

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



CCA982



A4B587



80B5DC



B6A8D6

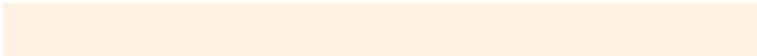


# Sweetspot

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



CCA982



FFF2E3



CC82A6



80786F



000000



808080



# Same Dimension

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



CCA982



FFCA8F



CBCC82



66615C



A65700



261400



# Inverse Universe

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



82A5CC



8FC4FF



8382CC



5C6166



004EA6

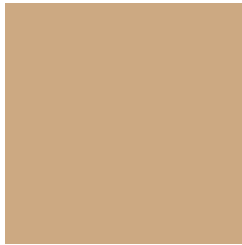


001226



# Previews

## White Background



This preview shows how the Hex color CCA982 looks on a white background.

## Color Contrast Check

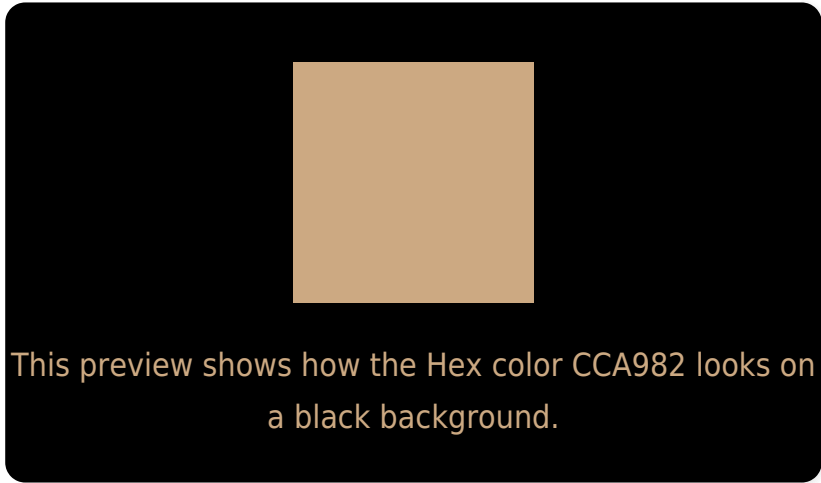
Large Text (above 18pt) WCAG AA × Fail

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

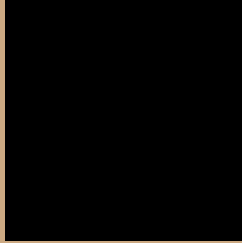
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CCA982 Background



This preview shows how black text looks on a background with the Hex color CCA982.

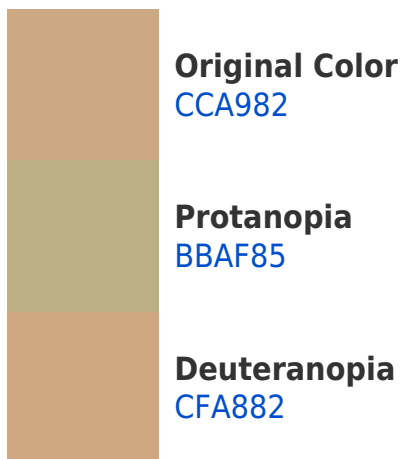


This preview shows how white text looks on a background with the Hex color CCA982.

# 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](#).

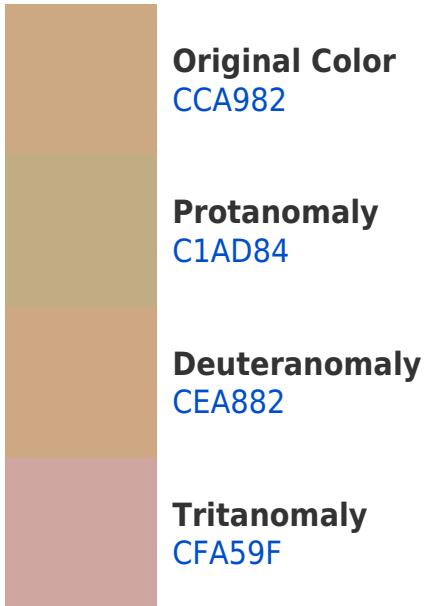
## Dichromacy



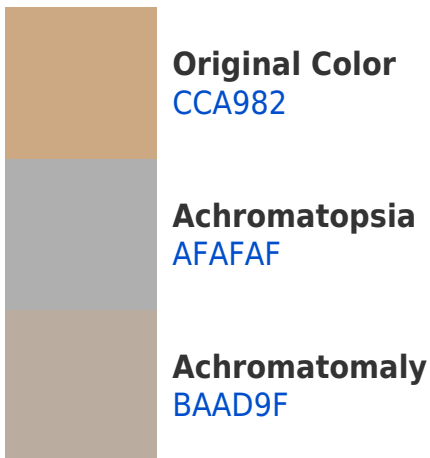


**Tritanopia**  
D1A3AF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CCA982 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 #CCA982 looks like.

```
.text, #text, p{  
    color:#CCA982  
}
```

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 #CCA982 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CCA982
}
```

## Border

The CSS property to change the border of an element to Hex CCA982 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
#CCA982 }
```

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

```
.border{ border-color:#CCA982 }
```

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

Here you see how a box with a 4 pixel #CCA982 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CCA982; -webkit-box-shadow:4px 4px  
4px 4px #CCA982; box-shadow:4px 4px 4px  
4px #CCA982 }
```

# Background

The CSS property to change the background color of an element to Hex CCA982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CCA982 }
```

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

```
.background{ background-color:#CCA982 }
```

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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