

# Converting Colors

Hex(C9A272)

Have a look what the booklet for  
Hex(C9A272) contains.

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**Color**

**Hex(C9A272)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C9A272
RGB	201, 162, 114
RGB Percent	79%, 64%, 45%
CMY	0.2118, 0.3647, 0.5529
CMYK	0.00, 0.19, 0.43, 0.21
HSL	33°, 45%, 62%
HSV	33°, 43%, 79%
XYZ	40.0450, 39.4731, 21.4281
YIQ	168.1890, 38.6520, -6.6600

# Conversions

## Conversions Part 2

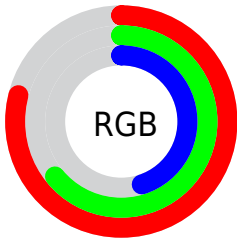
Format	Color
<a href="#">RYB</a>	<a href="#">185, 201, 114</a>
Decimal	<a href="#">13214322</a>
CIELab	<a href="#">69.09, 8.06, 30.38</a>
CIElCh	<a href="#">69, 31.428, 75.147</a>
Yxy	<a href="#">39.4731, 0.3967, 0.3910</a>
Android (android.graphics.Color)	<a href="#">4291404402</a> ( <a href="#">0xFFC9A272</a> )
YUV	<a href="#">168.1890, -26.7152, 28.7752</a>
Hunter-Lab	<a href="#">62.8276, 3.8238, 23.7578</a>

# Details

The Hex color **C9A272** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **7299C9**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **FFD9A6**, and **916E41** is the 20% darker color. If you saturate the color by 10%, you get **C9995E**, and if you desaturate by 10%, it is **C9AB86**.

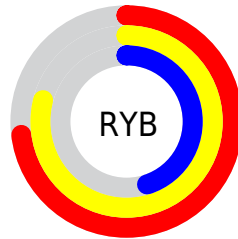
# Distribution



Red (79%)

Green (64%)

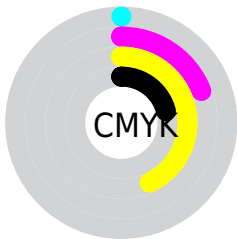
Blue (45%)



Red (73%)

Yellow (79%)

Blue (45%)

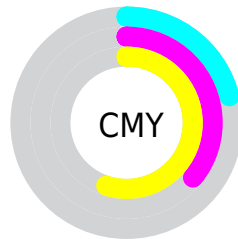


Cyan (0%)

Magenta (19%)

Yellow (43%)

Black (21%)



Cyan (21%)

Magenta (36%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C9A272 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 C9A272 by changing the saturation by 10% instead.



 C9A272

 C9A272

FFFFFF

 AD8859

 FFD9A6

 916E41

 FFF5C2

 76562A

 FFFFDE

 5C3F14

 FFFFFFFA

 432900

 2A1500

 0B0000

 000000

 C9A272

 C9A272

 C9995E

 C9AB86

 C9904A

 C9B49A

 C98736

 C9BDAE

 C97E22

 C9C6C2

 C9750E

 C9CFD7

 C96F00

 C9D8EB

 C9E1FF

 C9EAFF

 C9F3FF

# Harmonies

## Analogous

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



DC9982



C9A272



AEAB71

# Triad

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



C9A272



50B8B6



BE9CD1

# Complementary

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



C9A272



7299C9

# 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.



98A6DF



C9A272



4DB6D0

# Square

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



C9A272



6CB799



6DB0DF



D895B8

# Rectangle

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



C9A272



99B179



6DB0DF



B3A0D7

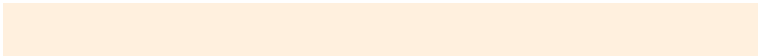


# Sweetspot

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



C9A272



FFF0DE



C97299



80766B



000000



808080



# Same Dimension

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



C9A272



FFC47A



C5C972



635F5A



A35A00



241400

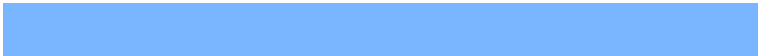


# Inverse Universe

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



7299C9



7AB6FF



7672C9



5A5E63



0049A3



001024



# Previews

## White Background



This preview shows how the Hex color C9A272 looks on a white background.

## Color Contrast Check

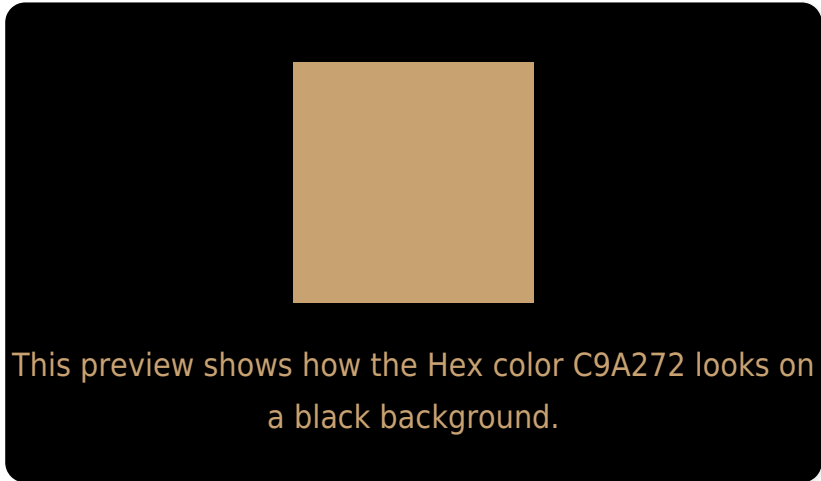
Large Text (above 18pt) WCAG AA × Fail

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 C9A272 Background



This preview shows how black text looks on a background with the Hex color C9A272.



This preview shows how white text looks on a background with the Hex color C9A272.

# 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**  
C9A272

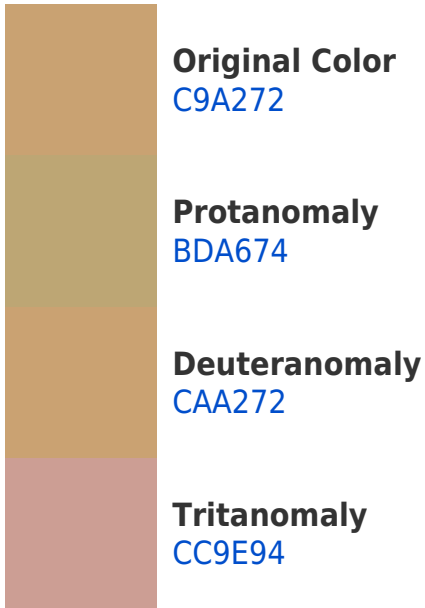
**Protanopia**  
B6A975

**Deuteranopia**  
CAA272

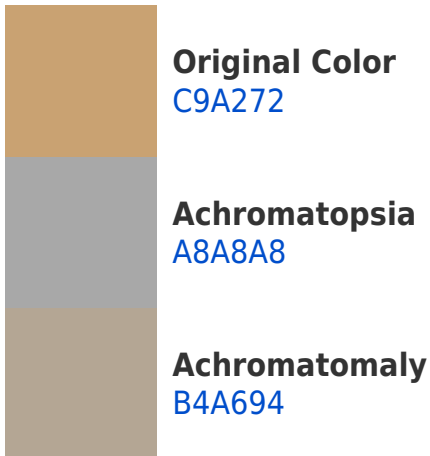


**Tritanopia**  
CE9BA7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C9A272 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 #C9A272 looks like.

```
.text, #text, p{  
    color:#C9A272  
}
```

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 #C9A272 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C9A272
}
```

## Border

The CSS property to change the border of an element to Hex C9A272 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
#C9A272 }
```

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

```
.border{ border-color:#C9A272 }
```

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

Here you see how a box with a 4 pixel #C9A272 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C9A272; -webkit-box-shadow:4px 4px  
4px 4px #C9A272; box-shadow:4px 4px 4px  
4px #C9A272 }
```

# Background

The CSS property to change the background color of an element to Hex C9A272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C9A272 }
```

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

```
.background{ background-color:#C9A272 }
```

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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