

# Converting Colors

Hex(C9A174)

Have a look what the booklet for  
Hex(C9A174) contains.

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# **Color**

**Hex(C9A174)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C9A174
RGB	201, 161, 116
RGB Percent	79%, 63%, 45%
CMY	0.2118, 0.3686, 0.5451
CMYK	0.00, 0.20, 0.42, 0.21
HSL	32°, 44%, 62%
HSV	32°, 42%, 79%
XYZ	39.9846, 39.1682, 21.9758
YIQ	167.8300, 38.2850, -5.5150

# Conversions

## Conversions Part 2

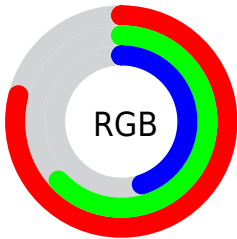
Format	Color
<a href="#">RYB</a>	<a href="#">192, 201, 116</a>
Decimal	<a href="#">13214068</a>
CIELab	<a href="#">68.87, 8.81, 29.02</a>
CIELCh	<a href="#">69, 30.326, 73.102</a>
Yxy	<a href="#">39.1682, 0.3954, 0.3873</a>
Android (android.graphics.Color)	<a href="#">4291404148</a> ( <a href="#">0xFFC9A174</a> )
YUV	<a href="#">167.8300, -25.5522, 29.0901</a>
Hunter-Lab	<a href="#">62.5845, 4.5191, 22.9902</a>

# Details

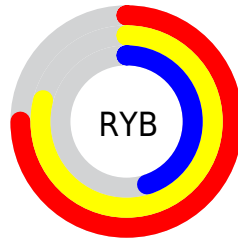
The Hex color **C9A174** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **749CC9**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **FFD8A8**, and **916E43** is the 20% darker color. If you saturate the color by 10%, you get **C99860**, and if you desaturate by 10%, it is **C9AA88**.

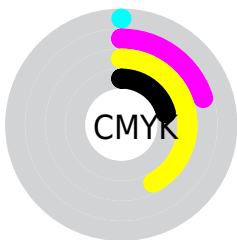
# Distribution



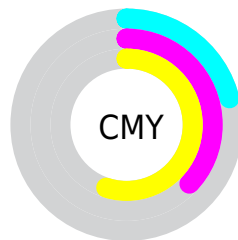
- Red (79%)
- Green (63%)
- Blue (45%)



- Red (75%)
- Yellow (79%)
- Blue (45%)



- Cyan (0%)
- Magenta (20%)
- Yellow (42%)
- Black (21%)



- Cyan (21%)
- Magenta (37%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C9A174 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 C9A174 by changing the saturation by 10% instead.



 C9A174

 C9A174

FFFFFF

 AD875B

 FFD8A8

 916E43

 FFF4C4

 76552C

 FFFFFE0

 5C3E16

FFFFFFD

 432800

 2A1400

 0A0000

 000000

 C9A174

 C9A174

 C99860

 C9AA88

 C98E4C

 C9B49C

 C98538

 C9BDB0

 C97B24

 C9C7C4

 C97210

 C9D0D9

 C96A00

 C9DAED

 C9E3FF

 C9EDFF

 C9F6FF

# Harmonies

## Analogous

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



DA9884



C9A174



AFAA72

# Triad

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



C9A174



55B7B3



BB9DD0

# Complementary

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



C9A174



749CC9

# 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.



96A7DD



C9A174



51B5CD

# Square

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



C9A174



70B697



6DAFDC



D495B9

# Rectangle

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



C9A174



9BAF79



6DAFDC



B0A0D6

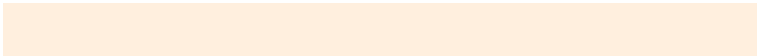


# Sweetspot

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



C9A174



FFEFDE



C9749D



80766B



000000



808080



# Same Dimension

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



C9A174



FFC27D



C8C974



635F5A



A35600



241300

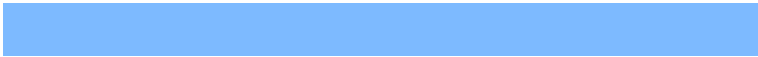


# Inverse Universe

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



749CC9



7DBAFF



7574C9



5A5E63



004DA3

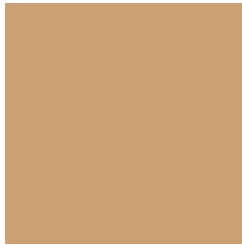


001124



# Previews

## White Background



This preview shows how the Hex color C9A174 looks on a white background.

## Color Contrast Check

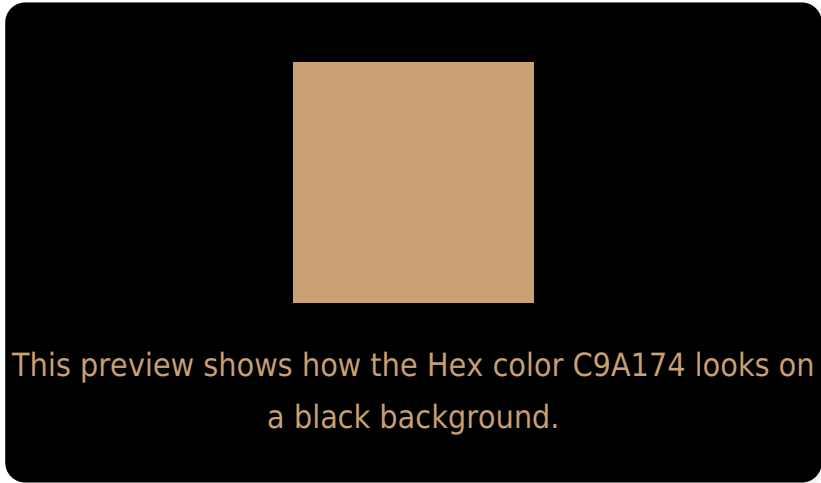
Large Text (above 18pt) WCAG AA × Fail

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

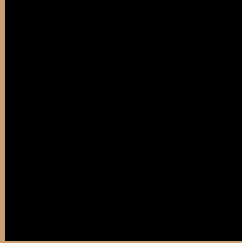
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C9A174 Background



This preview shows how black text looks on a background with the Hex color C9A174.

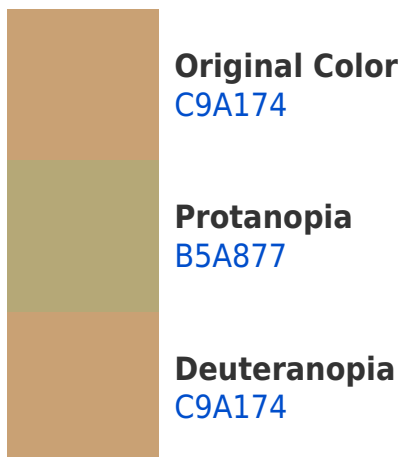



This preview shows how white text looks on a background with the Hex color C9A174.

# 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](#).

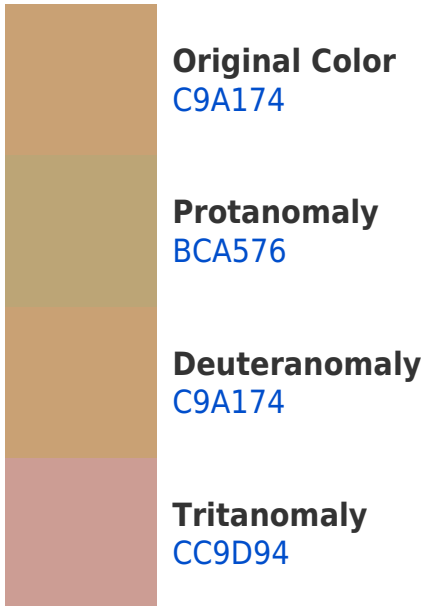
## Dichromacy



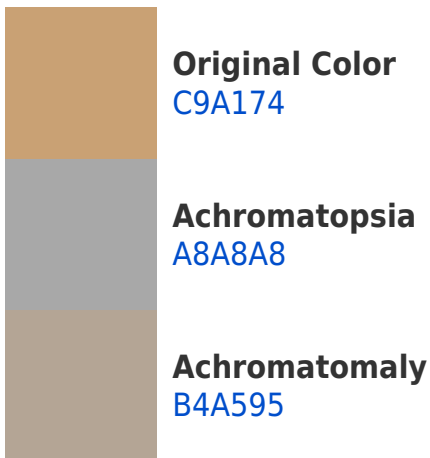


**Tritanopia**  
CE9AA6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C9A174 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 #C9A174 looks like.

```
.text, #text, p{  
    color:#C9A174  
}
```

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 #C9A174 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C9A174
}
```

## Border

The CSS property to change the border of an element to Hex C9A174 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
#C9A174 }
```

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

```
.border{ border-color:#C9A174 }
```

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

Here you see how a box with a 4 pixel #C9A174 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C9A174; -webkit-box-shadow:4px 4px  
4px 4px #C9A174; box-shadow:4px 4px 4px  
4px #C9A174 }
```

# Background

The CSS property to change the background color of an element to Hex C9A174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C9A174 }
```

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

```
.background{ background-color:#C9A174 }
```

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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