

# Converting Colors

Hex(C9AA96)

Have a look what the booklet for  
Hex(C9AA96) contains.

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**Color**

**Hex(C9AA96)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C9AA96
RGB	201, 170, 150
RGB Percent	79%, 67%, 59%
CMY	0.2118, 0.3333, 0.4118
CMYK	0.00, 0.15, 0.25, 0.21
HSL	24°, 32%, 69%
HSV	24°, 25%, 79%
XYZ	43.9671, 43.3690, 34.9079
YIQ	176.9890, 24.8960, 0.3520

# Conversions

## Conversions Part 2

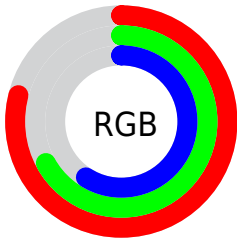
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	201, 183, 150
Decimal	13216406
CIE <sub>Lab</sub>	71.80, 8.22, 14.50
CIE <sub>LCh</sub>	72, 16.674, 60.443
Yxy	43.3690, 0.3597, 0.3548
Android (android.graphics.Color)	4291406486 (0xFFC9AA96)
YUV	176.9890, -13.3056, 21.0576
Hunter-Lab	65.8551, 3.9263, 14.6707

# Details

The Hex color **C9AA96** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **96B5C9**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **FFE1CC**, and **927663** is the 20% darker color. If you saturate the color by 10%, you get **C99E82**, and if you desaturate by 10%, it is **C9B6AA**.

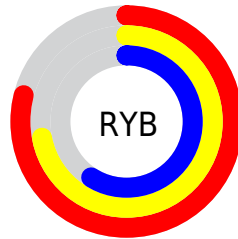
# Distribution



Red (79%)

Green (67%)

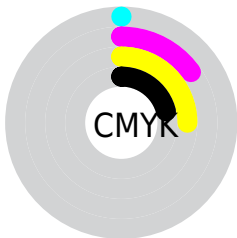
Blue (59%)



Red (79%)

Yellow (72%)

Blue (59%)

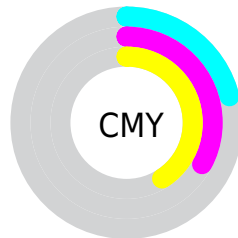


Cyan (0%)

Magenta (15%)

Yellow (25%)

Black (21%)



Cyan (21%)

Magenta (33%)

Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C9AA96 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 C9AA96 by changing the saturation by 10% instead.



 C9AA96

 C9AA96

FFFFFF

 AD907C

 FFE1CC

 927663

 FFFFEE8

 785D4B

 5F4634

 462F1F

 2F1A08

 190000

 000000

 C9AA96

 C9AA96

 C99E82

 C9B6AA

 C9926E

 C9C2BE

 C9855A

 C9CFD2

 C97946

 C9DBE6

 C96D32

 C9E7FB

 C9611D

 C9F3FF

 C95409

 C9FFFF

 C94F00

# Harmonies

## Analogous

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



D0A6A1



C9AA96



BCAF92

# Triad

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



C9AA96



8CB9B0



B3ACCA

# Complementary

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



C9AA96



96B5C9

# 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.



9FB1CE



C9AA96



88B8BF

# Square

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



C9AA96



9AB7A1



8FB6CA



C4A8BF

# Rectangle

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



C9AA96



B1B293



8FB6CA



ADAECC

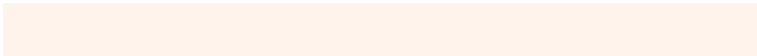


# Sweetspot

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



C9AA96



FFF3EB



C996B5



807873



000000



808080



# Same Dimension

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



C9AA96



FFD1B3



C9C396



635D5A



A34000



240E00

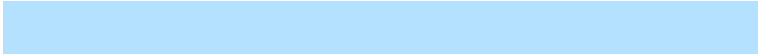


# Inverse Universe

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



96B5C9



B3E1FF



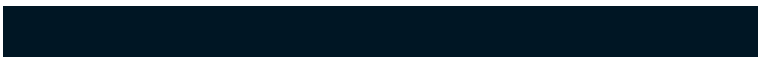
969CC9



5A6063



0063A3



001624



# Previews

## White Background



This preview shows how the Hex color C9AA96 looks on a white background.

## Color Contrast Check

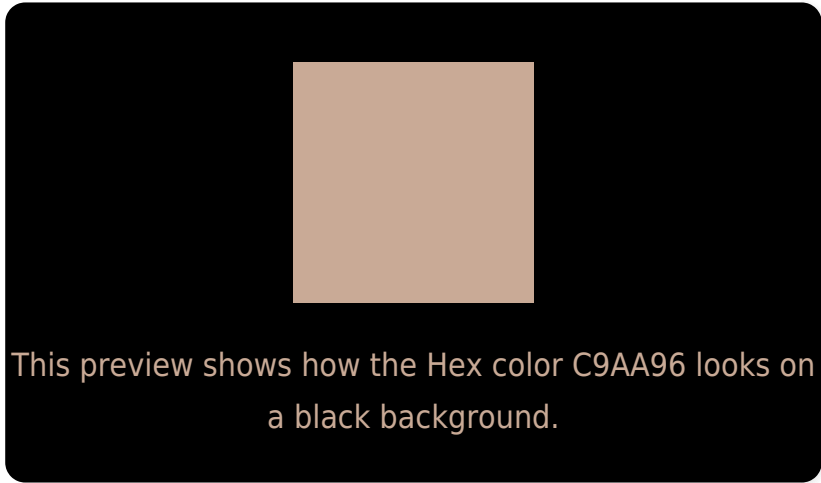
Large Text (above 18pt) WCAG AA × Fail

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

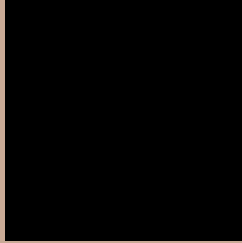
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C9AA96 Background



This preview shows how black text looks on a background with the Hex color C9AA96.



This preview shows how white text looks on a background with the Hex color C9AA96.

# 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**  
C9AA96

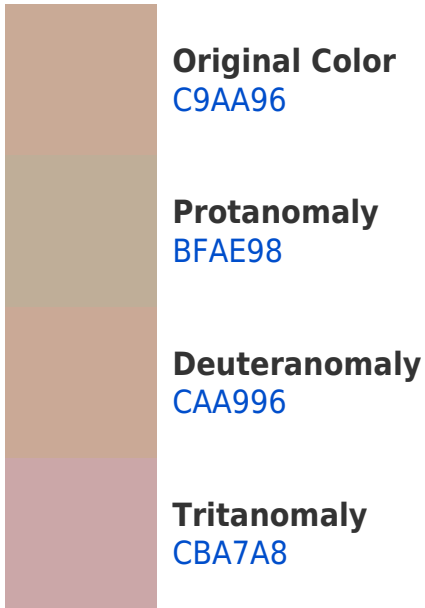
**Protanopia**  
B9B099

**Deuteranopia**  
CAA996

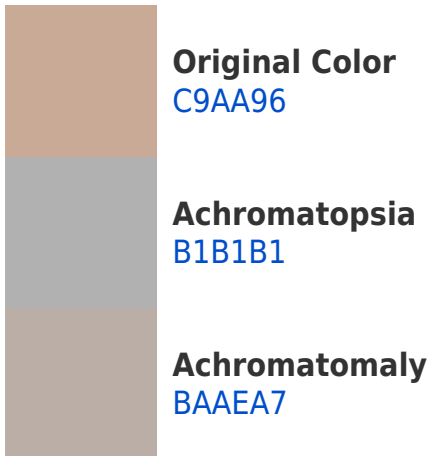


**Tritanopia**  
CCA6B3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C9AA96 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 #C9AA96 looks like.

```
.text, #text, p{  
    color:#C9AA96  
}
```

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 #C9AA96 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C9AA96  
}
```

## Border

The CSS property to change the border of an element to Hex C9AA96 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  
#C9AA96 }
```

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

```
.border{ border-color:#C9AA96 }
```

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

Here you see how a box with a 4 pixel #C9AA96 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C9AA96; -webkit-box-shadow:4px 4px  
4px 4px #C9AA96; box-shadow:4px 4px 4px  
4px #C9AA96 }
```

# Background

The CSS property to change the background color of an element to Hex C9AA96 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C9AA96 }
```

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

```
.background{ background-color:#C9AA96 }
```

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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