

# Converting Colors

Hex(C2AA9B)

Have a look what the booklet for  
Hex(C2AA9B) contains.

<b>Hex(C2AA9B)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(C2AA9B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C2AA9B
RGB	194, 170, 155
RGB Percent	76%, 67%, 61%
CMY	0.2392, 0.3333, 0.3922
CMYK	0.00, 0.12, 0.20, 0.24
HSL	23°, 24%, 68%
HSV	23°, 20%, 76%
XYZ	42.5393, 42.5853, 36.9881
YIQ	175.4660, 19.1190, 0.4230

# Conversions

## Conversions Part 2

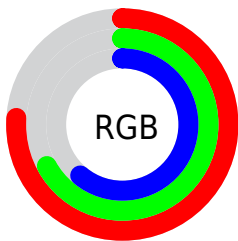
<b>Format</b>	<b>Color</b>
<b>RYB</b>	194, 179, 155
Decimal	12757659
CIELab	71.27, 6.29, 10.92
CIELCh	71, 12.600, 60.073
Yxy	42.5853, 0.3484, 0.3487
Android (android.graphics.Color)	4290947739 (0xFFC2AA9B)
YUV	175.4660, -10.0897, 16.2543
Hunter-Lab	65.2574, 2.1579, 12.0745

# Details

The Hex color **C2AA9B** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **9BB3C2**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **FBE1D1**, and **8C7668** is the 20% darker color. If you saturate the color by 10%, you get **C29E88**, and if you desaturate by 10%, it is **C2B6AE**.

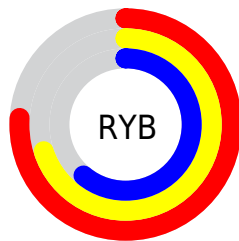
# Distribution



Red (76%)

Green (67%)

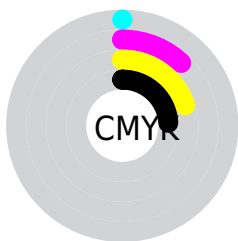
Blue (61%)



Red (76%)

Yellow (70%)

Blue (61%)

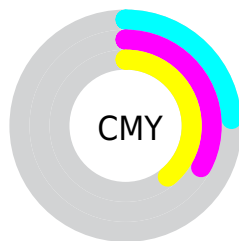


Cyan (0%)

Magenta (12%)

Yellow (20%)

Black (24%)



Cyan (24%)

Magenta (33%)

Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C2AA9B 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 C2AA9B by changing the saturation by 10% instead.





C2AA9B



C2AA9B

FFFFFF



A79081



FBE1D1



8C7668



FFFEED



725D50



594639



412F23



2B1A0E



140000



000000



C2AA9B



C2AA9B

 C29E88

 C2B6AE

 C29274

 C2C2C2

 C28661

 C2CED5

 C27A4D

 C2DAE9

 C26E3A

 C2E6FC

 C26227

 C2F2FF

 C25613

 C2FEFF

 C24B00

 C2FFFF

# Harmonies

## Analogous

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



C7A7A3



C2AA9B



B8AE98

# Triad

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



C2AA9B



95B5AE



B1ACC2

# Complementary

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



C2AA9B



9BB3C2

# 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.



A2AFC5



C2AA9B



91B5BA

# Square

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



C2AA9B



9EB4A3



96B3C2



BEA8BA

# Rectangle

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



C2AA9B



B0B099



96B3C2



ACADC4

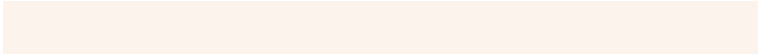


# Sweetspot

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



C2AA9B



FCF3ED



C29BB3



807A77



000000



808080



# Same Dimension

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



C2AA9B



FCD7C0



C2BD9B



615B57



A13E00



210D00

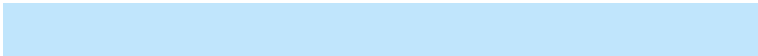


# Inverse Universe

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



9BB3C2



C0E5FC



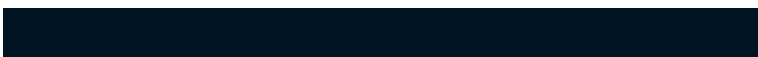
9BA0C2



575D61



0063A1



001421



# Previews

## White Background



This preview shows how the Hex color C2AA9B looks on a white background.

## Color Contrast Check

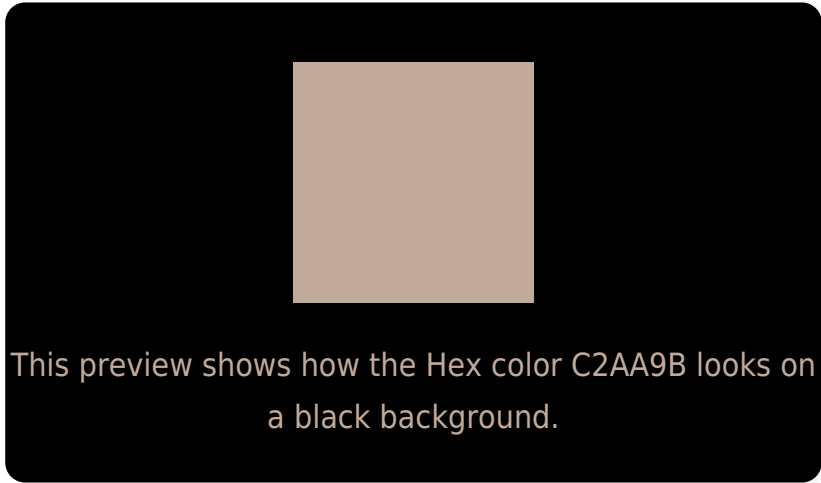
Large Text (above 18pt) WCAG AA × Fail

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

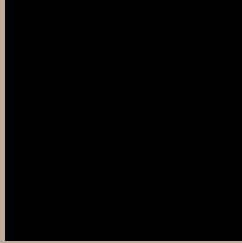
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C2AA9B Background



This preview shows how black text looks on a background with the Hex color C2AA9B.



This preview shows how white text looks on a background with the Hex color C2AA9B.

# 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**  
C2AA9B

**Protanopia**  
B6AE9D

**Deuteranopia**  
C7A89B



**Tritanopia**  
C5A6B3

# Trichromacy



**Original Color**  
C2AA9B

**Protanomaly**  
BAAD9C

**Deuteranomaly**  
C5A99B

**Tritanomaly**  
C4A7AA

# Monochromacy



**Original Color**  
C2AA9B

**Achromatopsia**  
AFAFAF

**Achromatomaly**  
B6ADA8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C2AA9B 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 #C2AA9B looks like.

```
.text, #text, p{  
    color:#C2AA9B  
}
```

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 #C2AA9B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C2AA9B  
}
```

## Border

The CSS property to change the border of an element to Hex C2AA9B 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  
#C2AA9B }
```

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

```
.border{ border-color:#C2AA9B }
```

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

Here you see how a box with a 4 pixel #C2AA9B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C2AA9B; -webkit-box-shadow:4px 4px  
4px 4px #C2AA9B; box-shadow:4px 4px 4px  
4px #C2AA9B }
```

# Background

The CSS property to change the background color of an element to Hex C2AA9B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C2AA9B }
```

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

```
.background{ background-color:#C2AA9B }
```

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