

# Converting Colors

Hex(C8CAA8)

Have a look what the booklet for  
Hex(C8CAA8) contains.

<b>Hex(C8CAA8)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(C8CAA8)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C8CAA8
RGB	200, 202, 168
RGB Percent	78%, 79%, 66%
CMY	0.2157, 0.2078, 0.3412
CMYK	0.01, 0.00, 0.17, 0.21
HSL	64°, 24%, 73%
HSV	64°, 17%, 79%
XYZ	52.0078, 57.3476, 45.3739
YIQ	197.5260, 9.7220, -10.9980

# Conversions

## Conversions Part 2

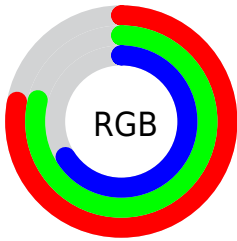
Format	Color
<b>RYB</b>	168, 202, 170
Decimal	13159080
CIELab	80.37, -6.45, 16.78
CIElCh	80, 17.973, 111.027
Yxy	57.3476, 0.3361, 0.3706
Android (android.graphics.Color)	4291349160 (0xFFC8CAA8)
YUV	197.5260, -14.5563, 2.1697
Hunter-Lab	75.7282, -9.9359, 17.4851

# Details

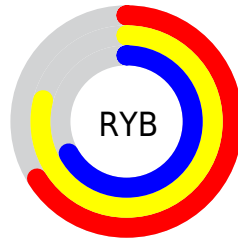
The Hex color **C8CAA8** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **AAA8CA**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **FFFFDF**, and **929474** is the 20% darker color. If you saturate the color by 10%, you get **C7CA94**, and if you desaturate by 10%, it is **C9CABC**.

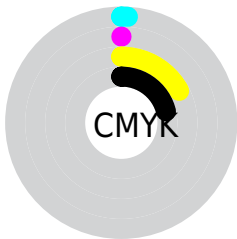
# Distribution



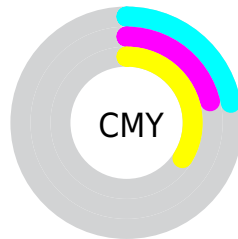
- Red (78%)
- Green (79%)
- Blue (66%)



- Red (66%)
- Yellow (79%)
- Blue (67%)



- Cyan (1%)
- Magenta (0%)
- Yellow (17%)
- Black (21%)



- Cyan (22%)
- Magenta (21%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C8CAA8 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 C8CAA8 by changing the saturation by 10% instead.



 C8CAA8

 C8CAA8

FFFFFF

 ADAF8E

 FFFFDF

 929474

 FFFFFC

 787A5B

 5F6144

 474A2D

 303318

 1C1E00

 000300

 000000

 C8CAA8

 C8CAA8

 C7CA94

 C9CABC

 C6CA80

 CACAD0

 C4CA6B

 CCCAE5

 C3CA57

 CDCAF9

 C2CA43

 CECAFF

 C1CA2F

 CFCAFF

 C0CA1B

 D0CAFF

 BECA06

 D2CAFF

 BECA00

 D3CAFF

# Harmonies

## Analogous

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



DAC5A7



C8CAA8



B5CEB2

# Triad

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



C8CAA8



9FCFE1



E6BCCD

# Complementary

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



C8CAA8



AAA8CA

# 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.



D8C0DD



C8CAA8



AFCAE8

# Square

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



C8CAA8



9CD1D3



C4C5E7



EBBCBC

# Rectangle

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



C8CAA8



A9D0BC



C4C5E7



E3BDD3



# Sweetspot

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



C8CAA8



FEFF2



CAAAA8



7F8078



000000



808080



# Same Dimension

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



C8CAA8



FCFFCC



B7CAA8



65665C



9CA600



242600



# Inverse Universe

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



AAA8CA



CFCCFF



BBA8CA



5C5C66



0A00A6



020026



# Previews

## White Background



This preview shows how the Hex color C8CAA8 looks on a white background.

## Color Contrast Check

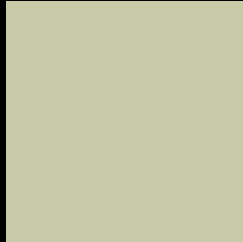
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color C8CAA8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

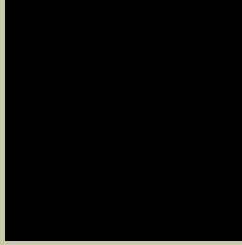
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

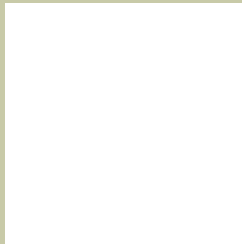
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C8CAA8 Background



This preview shows how black text looks on a background with the Hex color C8CAA8.

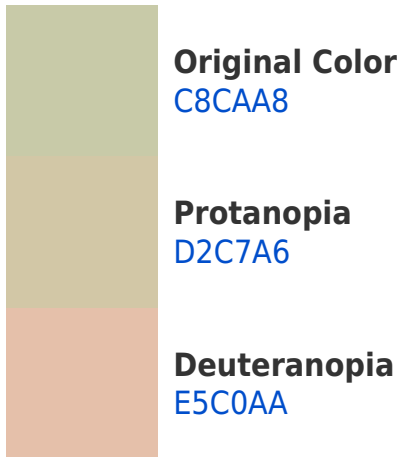


This preview shows how white text looks on a background with the Hex color C8CAA8.

# Color Blindness Simulation

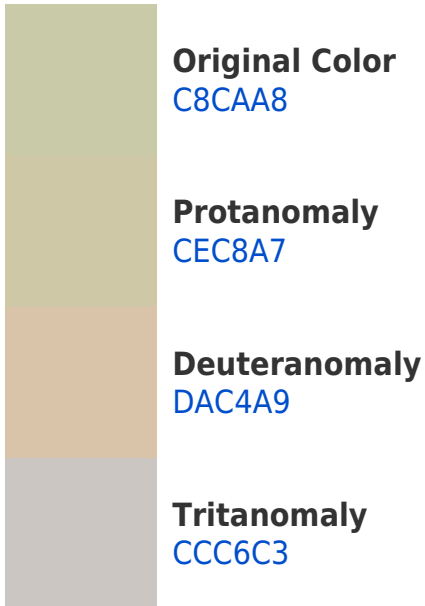
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

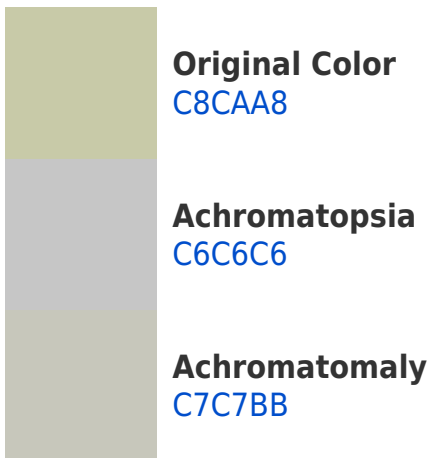




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C8CAA8 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 #C8CAA8 looks like.

```
.text, #text, p{  
    color:#C8CAA8  
}
```

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 #C8CAA8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C8CAA8  
}
```

## Border

The CSS property to change the border of an element to Hex C8CAA8 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  
#C8CAA8 }
```

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

```
.border{ border-color:#C8CAA8 }
```

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

Here you see how a box with a 4 pixel #C8CAA8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C8CAA8; -webkit-box-shadow:4px 4px  
4px 4px #C8CAA8; box-shadow:4px 4px 4px  
4px #C8CAA8 }
```

# Background

The CSS property to change the background color of an element to Hex C8CAA8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C8CAA8 }
```

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

```
.background{ background-color:#C8CAA8 }
```

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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