

# Converting Colors

Hex(CA989B)

Have a look what the booklet for  
Hex(CA989B) contains.

<b>Hex(CA989B)</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(CA989B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CA989B
RGB	202, 152, 155
RGB Percent	79%, 60%, 61%
CMY	0.2078, 0.4039, 0.3922
CMYK	0.00, 0.25, 0.23, 0.21
HSL	356°, 32%, 69%
HSV	356°, 25%, 79%
XYZ	41.5018, 37.3796, 36.0379
YIQ	167.2920, 28.8370, 11.5330

# Conversions

## Conversions Part 2

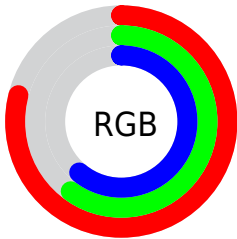
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	202, 152, 155
Decimal	13277339
CIE <sub>Lab</sub>	67.56, 19.15, 5.73
CIE <sub>LCh</sub>	68, 19.988, 16.646
Yxy	37.3796, 0.3611, 0.3253
Android (android.graphics.Color)	4291467419 (0xFFCA989B)
YUV	167.2920, -6.0600, 30.4389
Hunter-Lab	61.1388, 14.1749, 7.8490

# Details

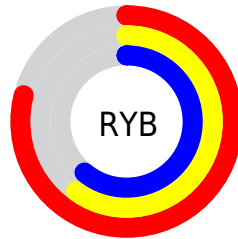
The Hex color **CA989B** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **98CAC7**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **FFCFD1**, and **936568** is the 20% darker color. If you saturate the color by 10%, you get **CA8488**, and if you desaturate by 10%, it is **CAACAE**.

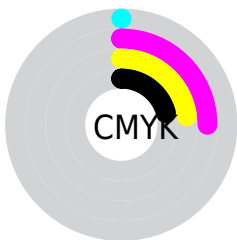
# Distribution



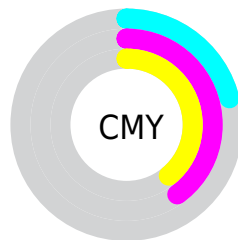
- Red (79%)
- Green (60%)
- Blue (61%)



- Red (79%)
- Yellow (60%)
- Blue (61%)



- Cyan (0%)
- Magenta (25%)
- Yellow (23%)
- Black (21%)



- Cyan (21%)
- Magenta (40%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CA989B 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 CA989B by changing the saturation by 10% instead.



 CA989B

 CA989B

FFFFFF

 AE7E81

 FFCFD1

 936568

 FFEBEE

 794C50

 5F3539

 461F24

 2F0A0E

 140000

 000000

 CA989B

 CA989B

■ CA8488

■ CAACAE

■ CA7075

■ CAC0C1

■ CA5B62

■ CAD5D4

■ CA474F

■ CAE9E7

■ CA333C

■ CAFDFA

■ CA1F29

■ CAFFFF

■ CA0B16

■ CA000C

# Harmonies

## Analogous

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



C499AD



CA989B



C69B8B

# Triad

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



CA989B



93AB8B



85A9C7

# Complementary

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



CA989B



98CAC7

# 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.



75ADBE



CA989B



80AE9C

# Square

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



CA989B



A8A782



74AFAE



9DA3C7

# Rectangle

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



CA989B



BF9F84



74AFAE



7FAAC5

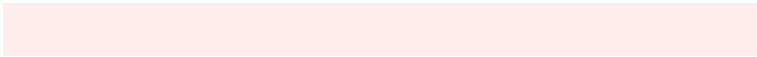


# Sweetspot

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



CA989B



FFEDEE



C798CA



807576



000000



808080



# Same Dimension

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



CA989B



FFB3B7



CAAE98



665C5C



A6000A



260002



# Inverse Universe

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



CA989B



FFB3B7



98B4CA



665C5C



A6000A

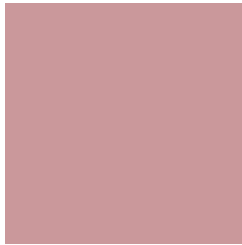


260002



# Previews

## White Background



This preview shows how the Hex color CA989B looks on a white background.

## Color Contrast Check

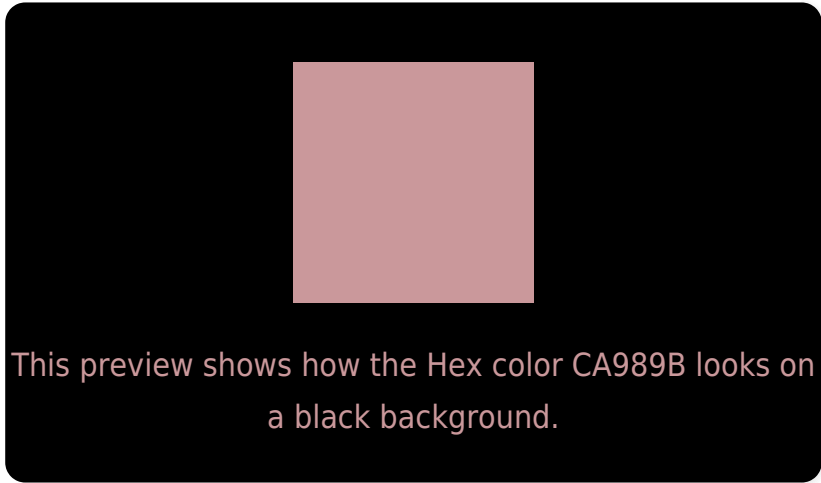
Large Text (above 18pt) WCAG AA × Fail

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 CA989B Background



This preview shows how black text looks on a background with the Hex color CA989B.



This preview shows how white text looks on a background with the Hex color CA989B.

# 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**  
CA989B

**Protanopia**  
A8A4A2

**Deuteranopia**  
B99F9A



**Tritanopia**  
CB97A2

# Trichromacy



**Original Color**  
CA989B

**Protanomaly**  
B4A09F

**Deuteranomaly**  
BF9C9A

**Tritanomaly**  
CB979F

# Monochromacy



**Original Color**  
CA989B

**Achromatopsia**  
A7A7A7

**Achromatomaly**  
B4A2A3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CA989B 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 #CA989B looks like.

```
.text, #text, p{  
    color:#CA989B  
}
```

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 #CA989B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA989B
}
```

## Border

The CSS property to change the border of an element to Hex CA989B is called "border". The border property can be set on classes, ids or directly on the HTML element.

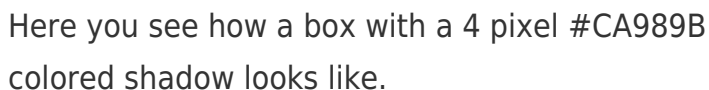
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CA989B }
```

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

```
.border{ border-color:#CA989B }
```

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



Here you see how a box with a 4 pixel #CA989B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA989B; -webkit-box-shadow:4px 4px  
4px 4px #CA989B; box-shadow:4px 4px 4px  
4px #CA989B }
```

# Background

The CSS property to change the background color of an element to Hex CA989B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA989B }
```

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

```
.background{ background-color:#CA989B }
```

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