

# Converting Colors

Hex(CA9B89)

Have a look what the booklet for  
Hex(CA9B89) contains.

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**Color**

**Hex(CA9B89)**

# Conversions

## Conversions Part 1

| Format      | Color                     |
|-------------|---------------------------|
| Hex         | CA9B89                    |
| RGB         | 202, 155, 137             |
| RGB Percent | 79%, 61%, 54%             |
| CMY         | 0.2078, 0.3922, 0.4627    |
| CMYK        | 0.00, 0.23, 0.32, 0.21    |
| HSL         | 17°, 38%, 66%             |
| HSV         | 17°, 32%, 79%             |
| XYZ         | 40.5938, 37.8054, 28.8246 |
| YIQ         | 167.0010, 33.7900, 4.3660 |

# Conversions

## Conversions Part 2

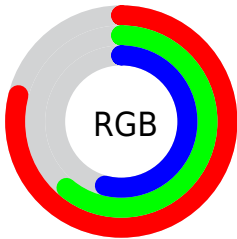
| Format                              | Color                          |
|-------------------------------------|--------------------------------|
| R <sub>Y</sub> B                    | 202, 162, 137                  |
| Decimal                             | 13278089                       |
| CIE Lab                             | 67.88, 15.00, 16.20            |
| CIE LCh                             | 68, 22.076, 47.194             |
| Yxy                                 | 37.8054, 0.3786,<br>0.3526     |
| Android<br>(android.graphics.Color) | 4291468169<br>(0xFFCA9B89)     |
| YUV                                 | 167.0010, -14.7905,<br>30.6941 |
| Hunter-Lab                          | 61.4861, 10.2471,<br>15.2452   |

# Details

The Hex color **CA9B89** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **89B8CA**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **FFD2BE**, and **936857** is the 20% darker color. If you saturate the color by 10%, you get **CA8C75**, and if you desaturate by 10%, it is **CAAA9D**.

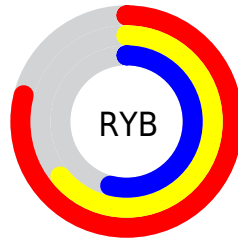
# Distribution



Red (79%)

Green (61%)

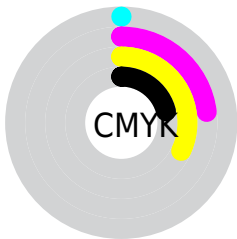
Blue (54%)



Red (79%)

Yellow (64%)

Blue (54%)

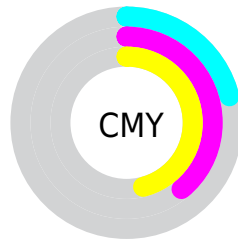


Cyan (0%)

Magenta (23%)

Yellow (32%)

Black (21%)



Cyan (21%)

Magenta (39%)

Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CA9B89 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 CA9B89 by changing the saturation by 10% instead.



 CA9B89

 CA9B89

FFFFFF

 AE8170

 FFD2BE

 936857

 FFEEDA

 784F40

 FFFFF7

 5E382A

 452215

 2E0E00

 0F0000

 000000

 CA9B89

 CA9B89

CA8C75

CAAA9D

CA7E61

CAB8B1

CA6F4C

CAC7C6

CA6138

CAD5DA

CA5224

CAE4EE

CA4310

CAF3FF

CA3800

CAFFFF

# Harmonies

## Analogous

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



CE979A



CA9B89



BCA17F

# Triad

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



CA9B89



7CB09C



9DA3CB

# Complementary

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



CA9B89



89B8CA

# 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.



83AACC



CA9B89



6EB1B0

# Square

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



CA9B89



92AD8A



70AFC2



B79DC1

# Rectangle

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



CA9B89



AFA67E



70AFC2



94A6CD

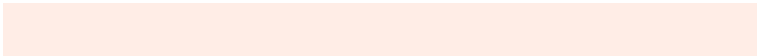


# Sweetspot

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



CA9B89



FFEDE6



CA89B9



807470



000000



808080



# Same Dimension

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



CA9B89



FFB79C



CABB89



665F5C



A62E00



260B00

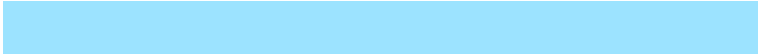


# Inverse Universe

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



89B8CA



9CE3FF



8998CA



5C6366



0078A6



001C26



# Previews

## White Background



This preview shows how the Hex color CA9B89 looks on a white background.

## Color Contrast Check

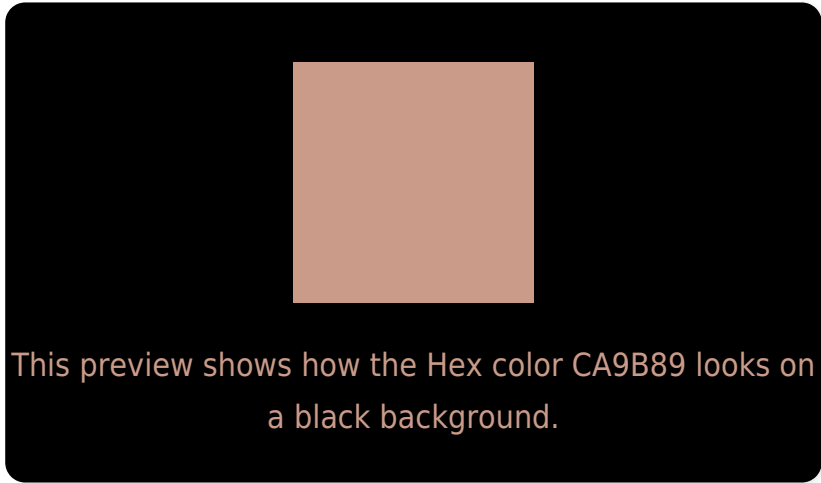
Large Text (above 18pt) WCAG AA × Fail

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

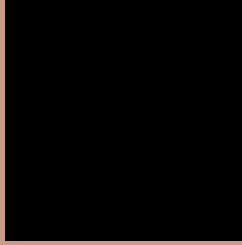
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CA9B89 Background



This preview shows how black text looks on a background with the Hex color CA9B89.



This preview shows how white text looks on a background with the Hex color CA9B89.

# 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**  
CA9B89

**Protanopia**  
AEA58E

**Deuteranopia**  
C09F88



**Tritanopia**  
CD97A3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CA9B89 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 #CA9B89 looks like.

```
.text, #text, p{  
    color:#CA9B89  
}
```

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 #CA9B89 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA9B89
}
```

## Border

The CSS property to change the border of an element to Hex CA9B89 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
#CA9B89 }
```

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

```
.border{ border-color:#CA9B89 }
```

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

Here you see how a box with a 4 pixel #CA9B89 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA9B89; -webkit-box-shadow:4px 4px  
4px 4px #CA9B89; box-shadow:4px 4px 4px  
4px #CA9B89 }
```

# Background

The CSS property to change the background color of an element to Hex CA9B89 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA9B89 }
```

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

```
.background{ background-color:#CA9B89 }
```

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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