

# Converting Colors

Hex(CB89A4)

Have a look what the booklet for  
Hex(CB89A4) contains.

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# **Color**

**Hex(CB89A4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CB89A4
RGB	203, 137, 164
RGB Percent	80%, 54%, 64%
CMY	0.2039, 0.4627, 0.3569
CMYK	0.00, 0.33, 0.19, 0.20
HSL	335°, 39%, 67%
HSV	335°, 33%, 80%
XYZ	40.2751, 33.2682, 39.4206
YIQ	159.8120, 30.6690, 22.3890

# Conversions

## Conversions Part 2

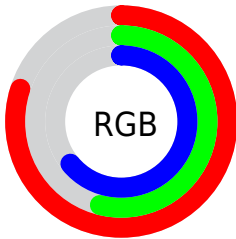
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	203, 137, 164
Decimal	13339044
CIE Lab	64.38, 29.10, -3.96
CIE LCh	64, 29.365, 352.244
Yxy	33.2682, 0.3565, 0.2945
Android (android.graphics.Color)	4291529124 (0xFFCB89A4)
YUV	159.8120, 2.0647, 37.8759
Hunter-Lab	57.6786, 23.7034, -0.1470

# Details

The Hex color **CB89A4** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **89CBB0**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **FFBFDB**, and **945670** is the 20% darker color. If you saturate the color by 10%, you get **CB7598**, and if you desaturate by 10%, it is **CB9DB0**.

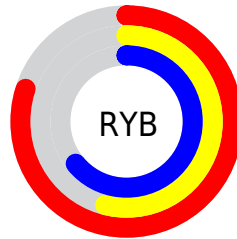
# Distribution



Red (80%)

Green (54%)

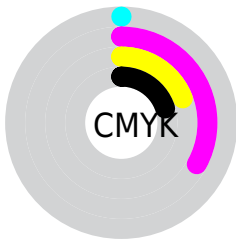
Blue (64%)



Red (80%)

Yellow (54%)

Blue (64%)

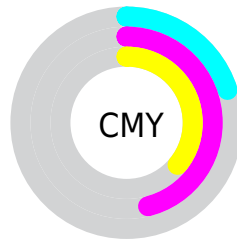


Cyan (0%)

Magenta (33%)

Yellow (19%)

Black (20%)



Cyan (20%)

Magenta (46%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CB89A4 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 CB89A4 by changing the saturation by 10% instead.





CB89A4



CB89A4

FFFFFF



AF6F8A



FFBFDB



945670



FFDBF7



793E58



FFF8FF



5F2641



460E2B



2F0016



0C0000



000000



CB89A4



CB89A4

 CB7598

 CB9DB0

 CB608C

 CBB2BC

 CB4C80

 CBC6C8

 CB3874

 CBDAD4

 CB2468

 CBEFE0

 CB0F5C

 CBF FEC

 CB0053

 CBFFF8

 CBFFFF

# Harmonies

## Analogous

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



B78FBC



CB89A4



D0898A

# Triad

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



CB89A4



9AA16B



4DA7C5

# Complementary

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



CB89A4



89CBB0

# 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.



47AAAF



CB89A4



7CA77B

# Square

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



CB89A4



B59868



5DAA94



6FA1D0

# Rectangle

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



CB89A4



CC8D7A



5DAA94



47A9BE



# Sweetspot

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



CB89A4



FFE6F0



B089CB



807076



000000



808080



# Same Dimension

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



CB89A4



FF9CC4



CB8F89



665C60



A60044



260010



# Inverse Universe

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



CB89A4



FF9CC4



89C6CB



665C60



A60044

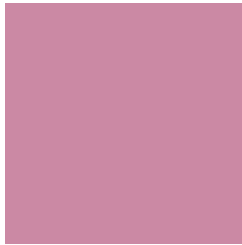


260010



# Previews

## White Background



This preview shows how the Hex color CB89A4 looks on a white background.

## Color Contrast Check

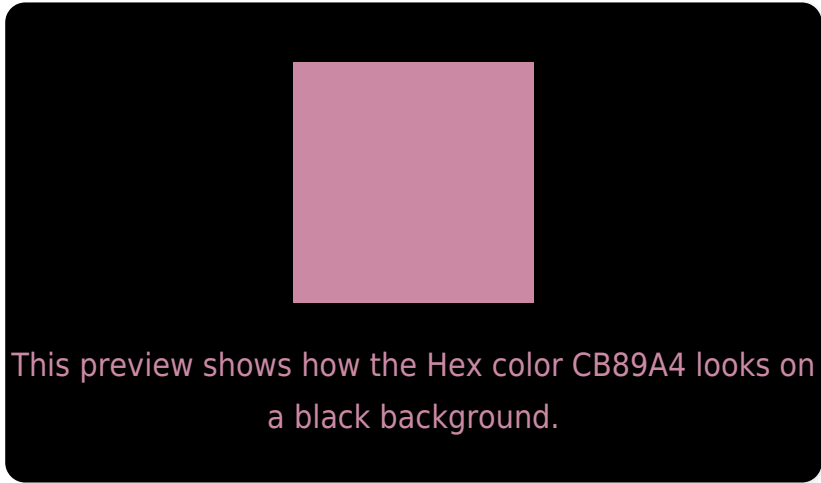
Large Text (above 18pt) WCAG AA × Fail

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 CB89A4 Background



This preview shows how black text looks on a background with the Hex color CB89A4.



This preview shows how white text looks on a background with the Hex color CB89A4.

# 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](#).

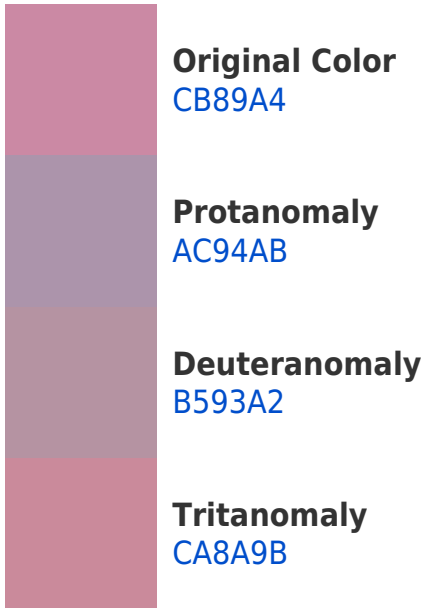
## Dichromacy



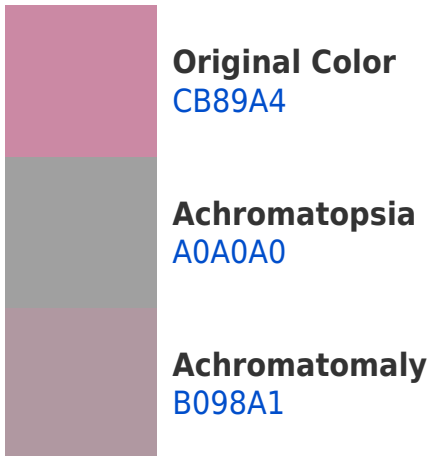


**Tritanopia**  
C98B96

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CB89A4 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 #CB89A4 looks like.

```
.text, #text, p{  
    color:#CB89A4  
}
```

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 #CB89A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB89A4
}
```

## Border

The CSS property to change the border of an element to Hex CB89A4 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
#CB89A4 }
```

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

```
.border{ border-color:#CB89A4 }
```

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

Here you see how a box with a 4 pixel #CB89A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB89A4; -webkit-box-shadow:4px 4px  
4px 4px #CB89A4; box-shadow:4px 4px 4px  
4px #CB89A4 }
```

# Background

The CSS property to change the background color of an element to Hex CB89A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB89A4 }
```

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

```
.background{ background-color:#CB89A4 }
```

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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