

# Converting Colors

Hex(C4CB89)

Have a look what the booklet for  
Hex(C4CB89) contains.

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**Color**

**Hex(C4CB89)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C4CB89
RGB	196, 203, 137
RGB Percent	77%, 80%, 54%
CMY	0.2314, 0.2039, 0.4627
CMYK	0.03, 0.00, 0.33, 0.20
HSL	66°, 39%, 67%
HSV	66°, 33%, 80%
XYZ	48.6362, 56.2538, 31.9616
YIQ	193.3830, 17.0140, -22.0100

# Conversions

## Conversions Part 2

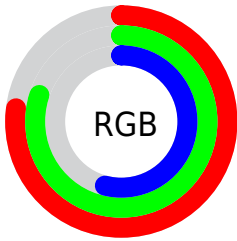
<b>Format</b>	<b>Color</b>
<b>RYB</b>	137, 203, 144
Decimal	12897161
CIELab	79.76, -12.83, 32.18
CIElCh	80, 34.643, 111.731
Yxy	56.2538, 0.3554, 0.4111
Android (android.graphics.Color)	4291087241 (0xFFC4CB89)
YUV	193.3830, -27.7968, 2.2951
Hunter-Lab	75.0025, -15.5040, 27.2359

# Details

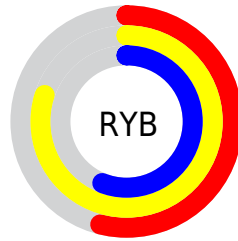
The Hex color **C4CB89** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **9089CB**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **FDFBF**, and **8D9556** is the 20% darker color. If you saturate the color by 10%, you get **C2CB75**, and if you desaturate by 10%, it is **C6CB9D**.

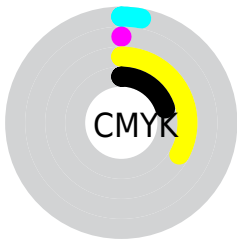
# Distribution



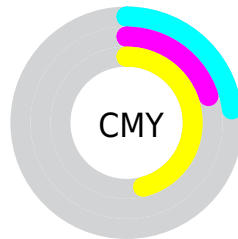
- Red (77%)
- Green (80%)
- Blue (54%)



- Red (54%)
- Yellow (80%)
- Blue (56%)



- Cyan (3%)
- Magenta (0%)
- Yellow (33%)
- Black (20%)



- Cyan (23%)
- Magenta (20%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C4CB89 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 C4CB89 by changing the saturation by 10% instead.





C4CB89



C4CB89

FFFFFF



A8B06F



FDFFBF



8D9556



FFFFDB



737B3E



FFFFF8



5A6227



414B0F



2B3400



131F00



000000



C4CB89



C4CB89

 C2CB75

 C6CB9D

 C0CB60

 C8CBB2

 BECB4C

 CACBC6

 BBCB38

 CDCBDA

 B9CB24

 CFCBEF

 B7CB0F

 D1CBFF

 B5CB00

 D3CBFF

 D5CBFF

 D7CBFF

# Harmonies

## Analogous

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



E4C186



C4CB89



9FD39D

# Triad

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



C4CB89



65D3F7



FFAED0

# Complementary

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



C4CB89



9089CB

# 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.



E6B5EE



C4CB89



8DCBFF

# Square

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



C4CB89



5ED7DC



BEC1FF



FFAFAF

# Rectangle

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



C4CB89



86D6B0



BEC1FF



F9B0DB



# Sweetspot

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



C4CB89



FCFFE6



CB9089



7E8070



000000



808080



# Same Dimension

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



C4CB89



F4FF9C



A3CB89



65665C



94A600



222600



# Inverse Universe

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



9089CB



A69CFF



B189CB



5D5C66



1200A6



040026



# Previews

## White Background



This preview shows how the Hex color C4CB89 looks on a white background.

## Color Contrast Check

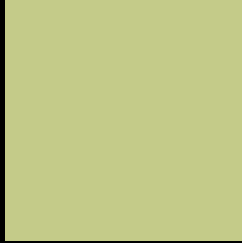
Large Text (above 18pt) WCAG AA × Fail

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 C4CB89 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

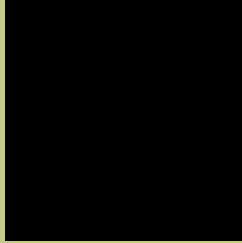
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

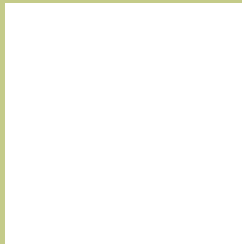
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C4CB89 Background



This preview shows how black text looks on a background with the Hex color C4CB89.

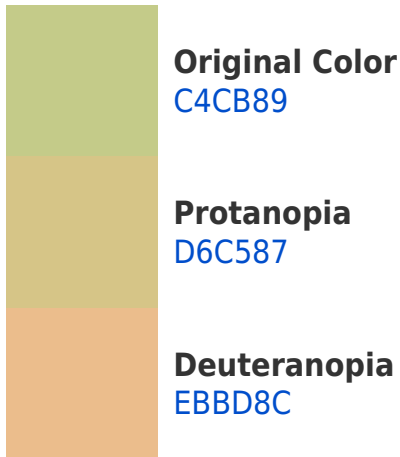


This preview shows how white text looks on a background with the Hex color C4CB89.

# 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](#).

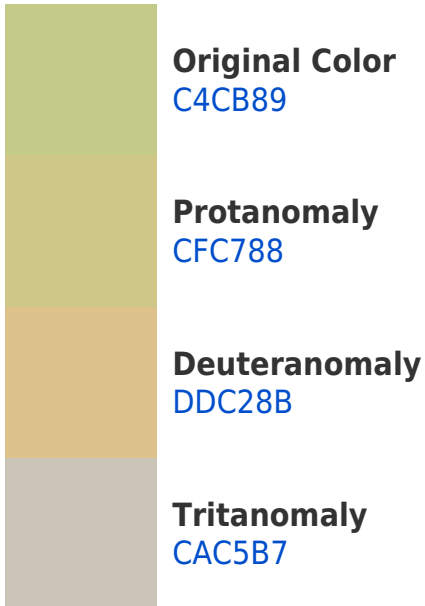
## Dichromacy



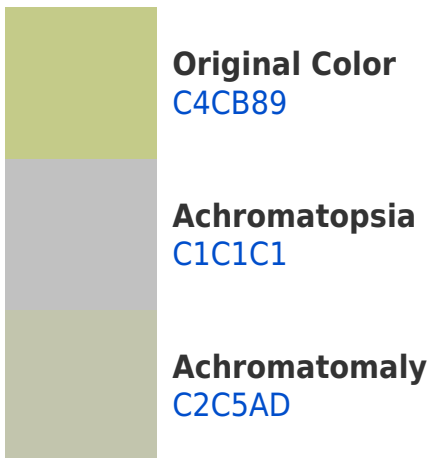


**Tritanopia**  
CDC2D1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C4CB89 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 #C4CB89 looks like.

```
.text, #text, p{  
    color:#C4CB89  
}
```

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 #C4CB89 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C4CB89
}
```

## Border

The CSS property to change the border of an element to Hex C4CB89 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
#C4CB89 }
```

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

```
.border{ border-color:#C4CB89 }
```

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

Here you see how a box with a 4 pixel #C4CB89 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C4CB89; -webkit-box-shadow:4px 4px  
4px 4px #C4CB89; box-shadow:4px 4px 4px  
4px #C4CB89 }
```

# Background

The CSS property to change the background color of an element to Hex C4CB89 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C4CB89 }
```

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

```
.background{ background-color:#C4CB89 }
```

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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