

# Converting Colors

Hex(C4BB8E)

Have a look what the booklet for  
Hex(C4BB8E) contains.

<b>Hex(C4BB8E)</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(C4BB8E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C4BB8E
RGB	196, 187, 142
RGB Percent	77%, 73%, 56%
CMY	0.2314, 0.2667, 0.4431
CMYK	0.00, 0.05, 0.28, 0.23
HSL	50°, 31%, 66%
HSV	50°, 28%, 77%
XYZ	45.4178, 49.2294, 32.6996
YIQ	184.5610, 19.8090, -12.0870

# Conversions

## Conversions Part 2

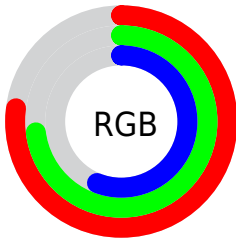
Format	Color
<a href="#">RYB</a>	<a href="#">153, 196, 142</a>
Decimal	<a href="#">12893070</a>
CIELab	<a href="#">75.59, -3.90, 23.99</a>
CIELCh	<a href="#">76, 24.301, 99.237</a>
Yxy	<a href="#">49.2294, 0.3566, 0.3866</a>
Android (android.graphics.Color)	<a href="#">4291083150 (0xFFC4BB8E)</a>
YUV	<a href="#">184.5610, -20.9826, 10.0320</a>
Hunter-Lab	<a href="#">70.1637, -7.2413, 21.4826</a>

# Details

The Hex color **C4BB8E** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **8E97C4**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **FDF3C4**, and **8E865B** is the 20% darker color. If you saturate the color by 10%, you get **C4B87A**, and if you desaturate by 10%, it is **C4BEA2**.

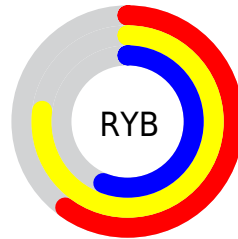
# Distribution



Red (77%)

Green (73%)

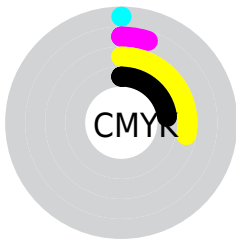
Blue (56%)



Red (60%)

Yellow (77%)

Blue (56%)

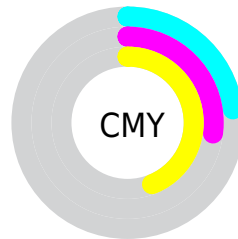


Cyan (0%)

Magenta (5%)

Yellow (28%)

Black (23%)



Cyan (23%)

Magenta (27%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C4BB8E 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 C4BB8E by changing the saturation by 10% instead.



 C4BB8E

FFFFFF

 FDF3C4

 FFFF E0

FFFFFFD

 C4BB8E

 A8A074

 8E865B

 746D44

 5A552D

 423D17

 2C2800

 131400

 000000

 C4BB8E

 C4BB8E

 C4B87A

 C4BEA2

 C4B467

 C4C2B5

 C4B153

 C4C5C9

 C4AE40

 C4C8DC

 C4AB2C

 C4CBF0

 C4A718

 C4CFFF

 C4A405

 C4D2FF

 C4A300

 C4D5FF

 C4D8FF

# Harmonies

## Analogous

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



D9B491



C4BB8E



ABC197

# Triad

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



C4BB8E



7BC5D6



DDACCB

# Complementary

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



C4BB8E



8E97C4

# 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.



C7B2DD



C4BB8E



8CC1E4

# Square

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



C4BB8E



7FC7C1



A9BAE6



E8AAB4

# Rectangle

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



C4BB8E



9AC5A3



A9BAE6



D7AED2

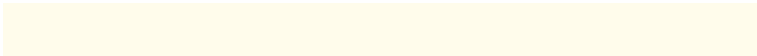


# Sweetspot

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



C4BB8E



FFFCEB



C48E97



807D73



000000



808080



# Same Dimension

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



C4BB8E



FFF1AB



B3C48E



615F57



A18600



211C00



# Inverse Universe

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



8E97C4



ABB9FF



A08EC4



575961



001BA1



000621



# Previews

## White Background



This preview shows how the Hex color C4BB8E looks on a white background.

## Color Contrast Check

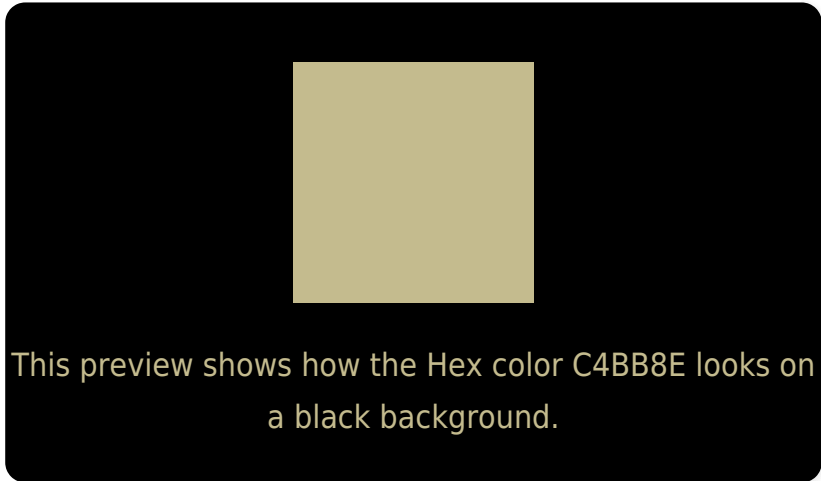
Large Text (above 18pt) WCAG AA × Fail

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

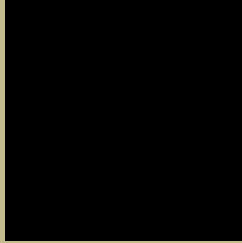
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C4BB8E Background



This preview shows how black text looks on a background with the Hex color C4BB8E.



This preview shows how white text looks on a background with the Hex color C4BB8E.

# 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



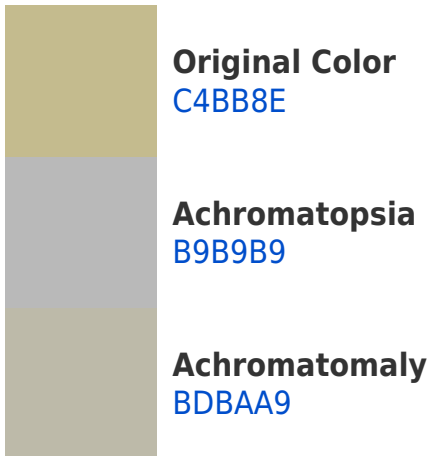


**Tritanopia**  
CAB4C2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C4BB8E 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 #C4BB8E looks like.

```
.text, #text, p{  
    color:#C4BB8E  
}
```

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 #C4BB8E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C4BB8E
}
```

## Border

The CSS property to change the border of an element to Hex C4BB8E 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
#C4BB8E }
```

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

```
.border{ border-color:#C4BB8E }
```

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

Here you see how a box with a 4 pixel #C4BB8E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C4BB8E; -webkit-box-shadow:4px 4px  
4px 4px #C4BB8E; box-shadow:4px 4px 4px  
4px #C4BB8E }
```

# Background

The CSS property to change the background color of an element to Hex C4BB8E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C4BB8E }
```

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

```
.background{ background-color:#C4BB8E }
```

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