

# Converting Colors

Hex(C8B787)

Have a look what the booklet for  
Hex(C8B787) contains.

<b>Hex(C8B787)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(C8B787)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C8B787
RGB	200, 183, 135
RGB Percent	78%, 72%, 53%
CMY	0.2157, 0.2824, 0.4706
CMYK	0.00, 0.08, 0.32, 0.22
HSL	44°, 37%, 66%
HSV	44°, 32%, 78%
XYZ	45.1261, 47.8956, 29.7880
YIQ	182.6110, 25.5400, -11.3240

# Conversions

## Conversions Part 2

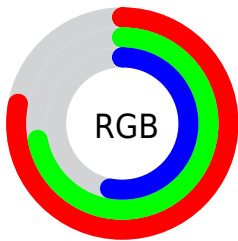
<b>Format</b>	<b>Color</b>
<b>RYB</b>	158, 200, 135
Decimal	13154183
CIELab	74.76, -1.14, 26.65
CIElCh	75, 26.671, 92.452
Yxy	47.8956, 0.3674, 0.3900
Android (android.graphics.Color)	4291344263 (0xFFC8B787)
YUV	182.6110, -23.4722, 15.2502
Hunter-Lab	69.2066, -4.7210, 22.9249

# Details

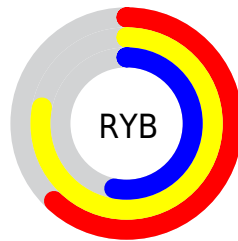
The Hex color **C8B787** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **8798C8**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **FFEFBD**, and **918255** is the 20% darker color. If you saturate the color by 10%, you get **C8B273**, and if you desaturate by 10%, it is **C8BC9B**.

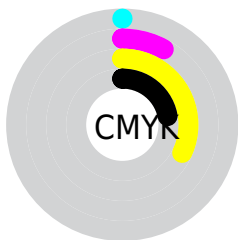
# Distribution



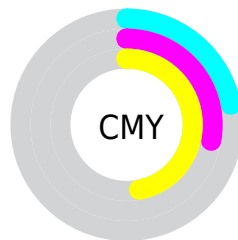
- Red (78%)
- Green (72%)
- Blue (53%)



- Red (62%)
- Yellow (78%)
- Blue (53%)



- Cyan (0%)
- Magenta (8%)
- Yellow (32%)
- Black (22%)



- Cyan (22%)
- Magenta (28%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C8B787 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 C8B787 by changing the saturation by 10% instead.



 C8B787

FFFFFF

 FFEFBF

 FFFFD8

 FFFFF5

 C8B787

 AC9C6D

 918255

 77693D

 5D5126

 453A10

 2E2500

 141000

 000000

 C8B787

 C8B787

 C8B273

 C8BC9B

 C8AD5F

 C8C1AF

 C8A74B

 C8C7C3

 C8A237

 C8CCD7

 C89D23

 C8D1EB

 C8980F

 C8D6FF

 C89400

 C8DCFF

 C8E1FF

 C8E6FF

# Harmonies

## Analogous

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



DDAF8D



C8B787



ADBE8E

# Triad

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



C8B787



70C5D1



D9AACF

# Complementary

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



C8B787



8798C8

# 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.



**BEB1E1**



**C8B787**



**7EC1E3**

# Square

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



C8B787



79C6B9



9DBAE9



E8A6B7

# Rectangle

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



C8B787



9AC299



9DBAE9



D2ACD6

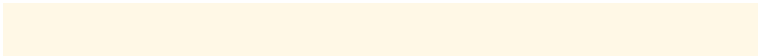


# Sweetspot

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



C8B787



FFF8E6



C88798



807B70



000000



808080



# Same Dimension

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



C8B787



FFE59C



B9C887



63615A



A37900



241A00



# Inverse Universe

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



8798C8



9CB6FF



9687C8



5A5C63



002BA3



000924



# Previews

## White Background



This preview shows how the Hex color C8B787 looks on a white background.

## Color Contrast Check

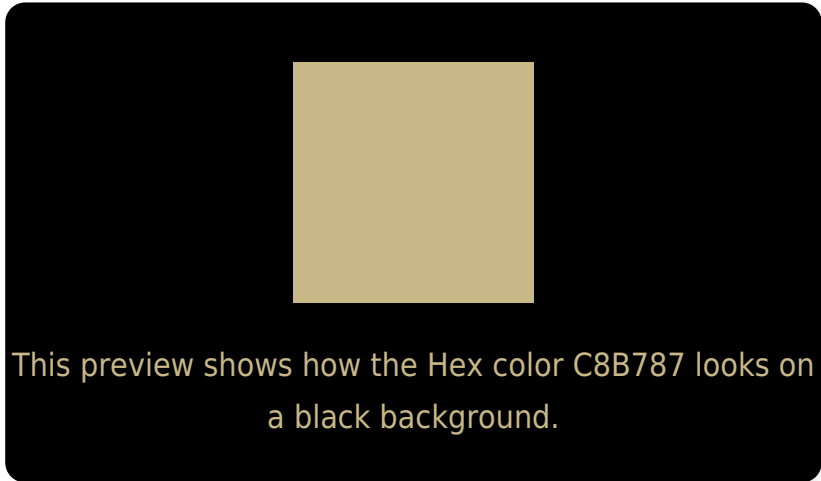
Large Text (above 18pt) WCAG AA × Fail

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

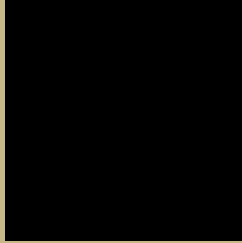
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C8B787 Background



This preview shows how black text looks on a background with the Hex color C8B787.



This preview shows how white text looks on a background with the Hex color C8B787.

# 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





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C8B787 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 #C8B787 looks like.

```
.text, #text, p{  
    color:#C8B787  
}
```

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 #C8B787 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C8B787
}
```

## Border

The CSS property to change the border of an element to Hex C8B787 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
#C8B787 }
```

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

```
.border{ border-color:#C8B787 }
```

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

Here you see how a box with a 4 pixel #C8B787 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C8B787; -webkit-box-shadow:4px 4px  
4px 4px #C8B787; box-shadow:4px 4px 4px  
4px #C8B787 }
```

# Background

The CSS property to change the background color of an element to Hex C8B787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C8B787 }
```

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

```
.background{ background-color:#C8B787 }
```

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