

# Converting Colors

Hex(CCBF8C)

Have a look what the booklet for  
Hex(CCBF8C) contains.

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# **Color**

**Hex(CCBF8C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CCBF8C
RGB	204, 191, 140
RGB Percent	80%, 75%, 55%
CMY	0.2000, 0.2510, 0.4510
CMYK	0.00, 0.06, 0.31, 0.20
HSL	48°, 39%, 67%
HSV	48°, 31%, 80%
XYZ	48.2663, 51.9924, 32.3026
YIQ	189.0730, 24.1190, -13.1050

# Conversions

## Conversions Part 2

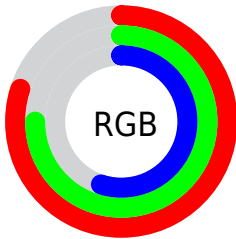
Format	Color
R <sub>Y</sub> B	156, 204, 140
Decimal	13418380
CIE Lab	77.28, -3.15, 27.43
CIE LCh	77, 27.611, 96.542
Yxy	51.9924, 0.3641, 0.3922
Android (android.graphics.Color)	4291608460 (0xFFCCBF8C)
YUV	189.0730, -24.1930, 13.0910
Hunter-Lab	72.1058, -6.7005, 23.9128

# Details

The Hex color **CCBF8C** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **8C99CC**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **FFF7C2**, and **958A59** is the 20% darker color. If you saturate the color by 10%, you get **CCBB78**, and if you desaturate by 10%, it is **CCC3A0**.

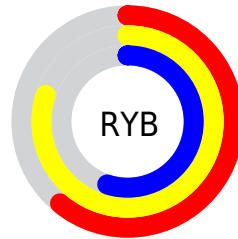
# Distribution



Red (80%)

Green (75%)

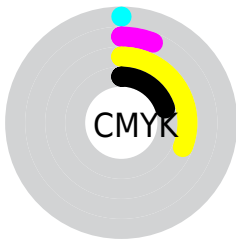
Blue (55%)



Red (61%)

Yellow (80%)

Blue (55%)

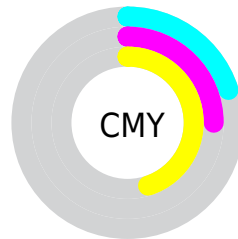


Cyan (0%)

Magenta (6%)

Yellow (31%)

Black (20%)



Cyan (20%)

Magenta (25%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CCBF8C 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 CCBF8C by changing the saturation by 10% instead.



 CCBF8C

 CCBF8C

FFFFFF

 B0A472

 FFF7C2

 958A59

 FFFFDE

 7B7041

 FFFFFB

 61582A

 484114

 312B00

 191700

 000000

 CCBF8C

 CCBF8C

 CCBB78

 CCC3A0

 CCB763

 CCC7B5

 CCB34F

 CCCBC9

 CCAE3A

 CCD0DE

 CCAA26

 CCD4F2

 CCA612

 CCD8FF

 CCA300

 CCDCFF

 CCE0FF

 CCE4FF

# Harmonies

## Analogous

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



E3B691



CCBF8C



B0C695

# Triad

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



CCBF8C



74CCDC



E5AFD4

# Complementary

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



CCBF8C



8C99CC

# 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.



CAB6E8



CCBF8C



86C7ED

# Square

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



CCBF8C



7BCDC4



A7BFF1



F2ACBA

# Rectangle

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



CCBF8C



9CCAA2



A7BFF1



DDB1DB



# Sweetspot

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



CCBF8C



FFFAE8



CC8C9A



807D71



000000



808080



# Same Dimension

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



CCBF8C



FFEB9E



BACC8C



66645C



A68400



261E00



# Inverse Universe

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



8C99CC



9EB2FF



9E8CCC



5C5E66



0022A6



000826



# Previews

## White Background



This preview shows how the Hex color CCBF8C looks on a white background.

## Color Contrast Check

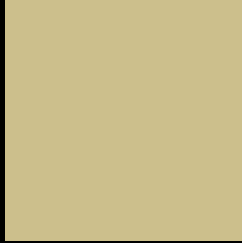
Large Text (above 18pt) WCAG AA × Fail

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 CCBF8C looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

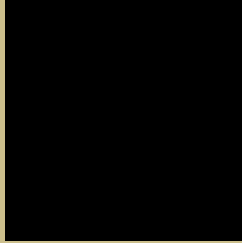
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CCBF8C Background



This preview shows how black text looks on a background with the Hex color CCBF8C.



This preview shows how white text looks on a background with the Hex color CCBF8C.

# 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**  
CCBF8C

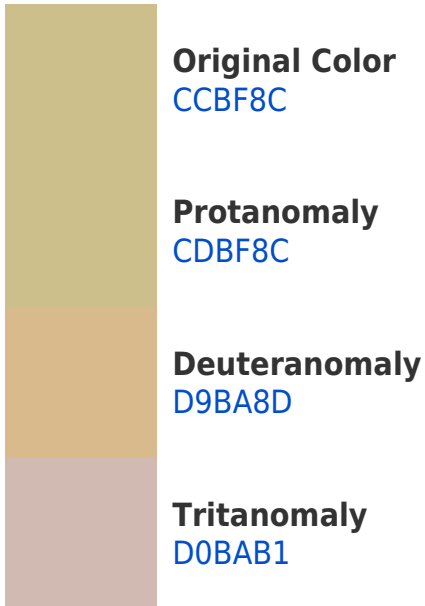
**Protanopia**  
CDBF8C

**Deuteranopia**  
E1B78E



**Tritanopia**  
D3B7C6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CCBF8C 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 #CCBF8C looks like.

```
.text, #text, p{  
    color:#CCBF8C  
}
```

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 #CCBF8C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CCBF8C
}
```

## Border

The CSS property to change the border of an element to Hex CCBF8C 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
#CCBF8C }
```

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

```
.border{ border-color:#CCBF8C }
```

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

Here you see how a box with a 4 pixel #CCBF8C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CCBF8C; -webkit-box-shadow:4px 4px  
4px 4px #CCBF8C; box-shadow:4px 4px 4px  
4px #CCBF8C }
```

# Background

The CSS property to change the background color of an element to Hex CCBF8C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CCBF8C }
```

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

```
.background{ background-color:#CCBF8C }
```

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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