

# Converting Colors

Hex(C8C782)

Have a look what the booklet for  
Hex(C8C782) contains.

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# **Color**

**Hex(C8C782)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C8C782
RGB	200, 199, 130
RGB Percent	78%, 78%, 51%
CMY	0.2157, 0.2196, 0.4902
CMYK	0.00, 0.00, 0.35, 0.22
HSL	59°, 39%, 65%
HSV	59°, 35%, 78%
XYZ	48.2721, 54.7379, 29.1404
YIQ	191.4330, 22.7450, -21.2470

# Conversions

## Conversions Part 2

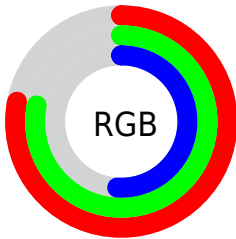
<b>Format</b>	<b>Color</b>
<b>RYB</b>	131, 200, 130
Decimal	13158274
CIELab	78.89, -10.09, 34.72
CIElCh	79, 36.152, 106.199
Yxy	54.7379, 0.3653, 0.4142
Android (android.graphics.Color)	4291348354 (0xFFC8C782)
YUV	191.4330, -30.2865, 7.5133
Hunter-Lab	73.9851, -13.0102, 28.4371

# Details

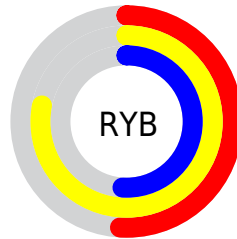
The Hex color **C8C782** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **8283C8**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **FFFFB8**, and **91914F** is the 20% darker color. If you saturate the color by 10%, you get **C8C76E**, and if you desaturate by 10%, it is **C8C796**.

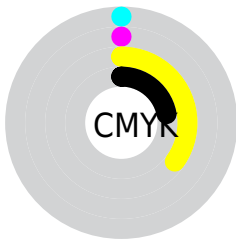
# Distribution



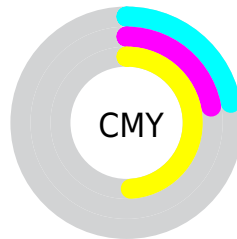
- Red (78%)
- Green (78%)
- Blue (51%)



- Red (51%)
- Yellow (78%)
- Blue (51%)



- Cyan (0%)
- Magenta (0%)
- Yellow (35%)
- Black (22%)



- Cyan (22%)
- Magenta (22%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C8C782 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 C8C782 by changing the saturation by 10% instead.





C8C782



C8C782

FFFFFF



ACAC68



FFFF88



91914F



FFFFD4



767837



FFFFF0



5D5F20



444707



2D3100



141C00



000000



C8C782



C8C782

 C8C76E

 C8C796

 C8C65A

 C8C8AA

 C8C646

 C8C8BE

 C8C632

 C8C8D2

 C8C61E

 C8C8E6

 C8C50A

 C8C9FA

 C8C500

 C8C9FF

 C8CAFF

# Harmonies

## Analogous

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



E8BC82



C8C782



A2D094

# Triad

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



C8C782



55D3F3



FCACD4

# Complementary

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



C8C782



8283C8

# 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.



DEB4F2



C8C782



7ECBFF

# Square

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



C8C782



57D6D5



B2C0FF



FFAAB2

# Rectangle

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



C8C782



87D3A7



B2C0FF



F4AEDF



# Sweetspot

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



C8C782



FFFFE3



C88283



807F6F



000000



808080



# Same Dimension

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



C8C782



FFFD94



A6C882



63635A



A3A100



242300



# Inverse Universe

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



8283C8



9495FF



A482C8



5A5A63



0002A3



000124



# Previews

## White Background



This preview shows how the Hex color C8C782 looks on a white background.

## Color Contrast Check

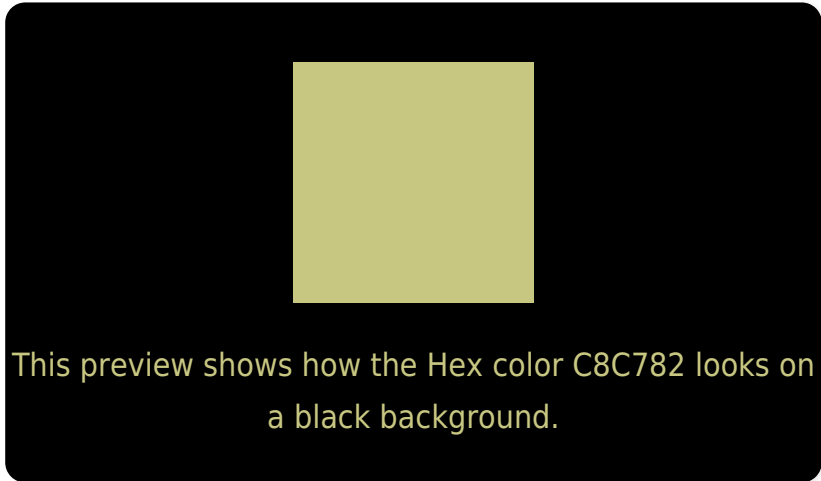
Large Text (above 18pt) WCAG AA × Fail

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

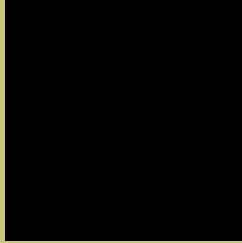
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C8C782 Background



This preview shows how black text looks on a background with the Hex color C8C782.

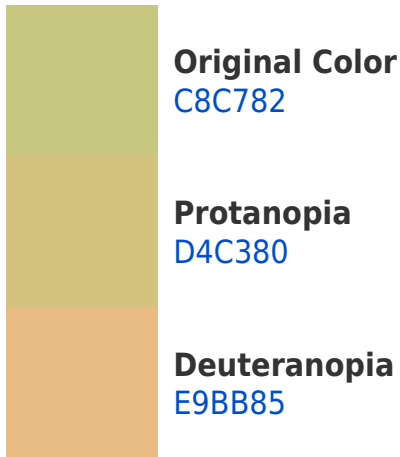


This preview shows how white text looks on a background with the Hex color C8C782.

# 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](#).

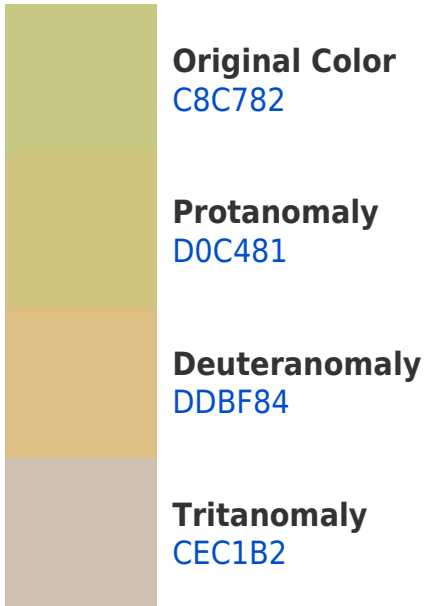
## Dichromacy



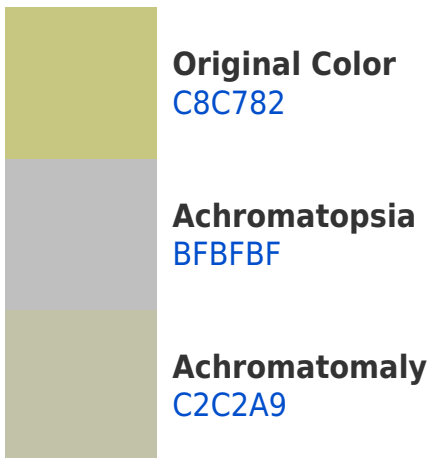


**Tritanopia**  
D1BECD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C8C782 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 #C8C782 looks like.

```
.text, #text, p{  
    color:#C8C782  
}
```

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 #C8C782 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C8C782
}
```

## Border

The CSS property to change the border of an element to Hex C8C782 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
#C8C782 }
```

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

```
.border{ border-color:#C8C782 }
```

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

Here you see how a box with a 4 pixel #C8C782 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C8C782; -webkit-box-shadow:4px 4px  
4px 4px #C8C782; box-shadow:4px 4px 4px  
4px #C8C782 }
```

# Background

The CSS property to change the background color of an element to Hex C8C782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C8C782 }
```

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

```
.background{ background-color:#C8C782 }
```

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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