

# Converting Colors

Hex(C7C783)

Have a look what the booklet for  
Hex(C7C783) contains.

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# **Color**

**Hex(C7C783)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C7C783
RGB	199, 199, 131
RGB Percent	78%, 78%, 51%
CMY	0.2196, 0.2196, 0.4863
CMYK	0.00, 0.00, 0.34, 0.22
HSL	60°, 38%, 65%
HSV	60°, 34%, 78%
XYZ	48.0733, 54.6277, 29.4832
YIQ	191.2480, 21.8280, -21.1480

# Conversions

## Conversions Part 2

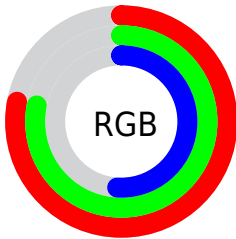
Format	Color
<a href="#">RYB</a>	<a href="#">131, 199, 131</a>
Decimal	<a href="#">13092739</a>
CIELab	<a href="#">78.83, -10.36, 34.10</a>
CIELCh	<a href="#">79, 35.642, 106.897</a>
Yxy	<a href="#">54.6277, 0.3637, 0.4133</a>
Android (android.graphics.Color)	<a href="#">4291282819 (0xFFC7C783)</a>
YUV	<a href="#">191.2480, -29.7023, 6.7985</a>
Hunter-Lab	<a href="#">73.9105, -13.2423, 28.0864</a>

# Details

The Hex color **C7C783** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **8383C7**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **FFFFB9**, and **909150** is the 20% darker color. If you saturate the color by 10%, you get **C7C76F**, and if you desaturate by 10%, it is **C7C797**.

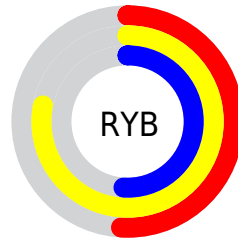
# Distribution



Red (78%)

Green (78%)

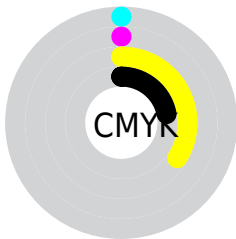
Blue (51%)



Red (51%)

Yellow (78%)

Blue (51%)

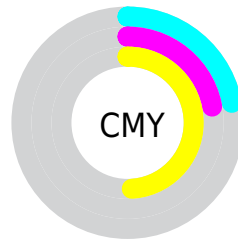


Cyan (0%)

Magenta (0%)

Yellow (34%)

Black (22%)



Cyan (22%)

Magenta (22%)

Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C7C783 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 C7C783 by changing the saturation by 10% instead.



 C7C783

 C7C783

FFFFFF

 ABAC69

 FFFFB9

 909150

 FFFFD5

 767838

 FFFFF1

 5C5F21

 434708

 2C3100

 141C00

 000000

 C7C783

 C7C783

 C7C76F

 C7C797

 C7C75B

 C7C7AB

 C7C747

 C7C7BF

 C7C733

 C7C7D3

 C7C71F

 C7C7E7

 C7C70C

 C7C7FA

 C7C700

 C7C7FF

# Harmonies

## Analogous

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



E7BC83



C7C783



A1CF95

# Triad

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



C7C783



58D2F2



FBACD3

# Complementary

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



C7C783



8383C7

# 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.



DFB4F1



C7C783



80CBFF

# Square

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



C7C783



59D5D5



B3C0FF



FFABB1

# Rectangle

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



C7C783



87D3A8



B3C0FF



F4AEDE



# Sweetspot

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



C7C783



FFFFE6



C78383



808070



000000



808080



# Same Dimension

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



C7C783



FFFF96



A5C783



63635A



A3A300



242400



# Inverse Universe

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



8383C7



9696FF



A583C7



5A5A63



0000A3



000024



# Previews

## White Background



This preview shows how the Hex color C7C783 looks on a white background.

## Color Contrast Check

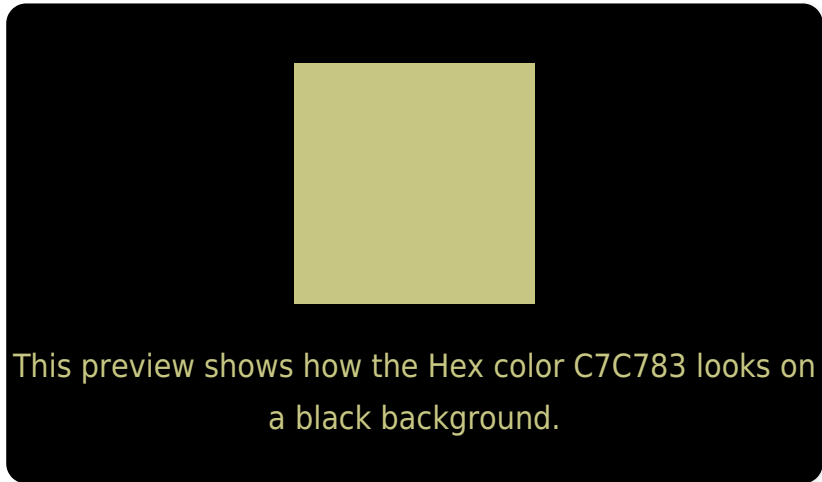
Large Text (above 18pt) WCAG AA × Fail

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

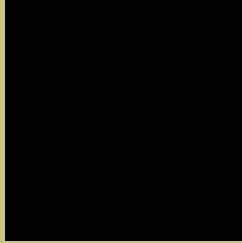
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C7C783 Background



This preview shows how black text looks on a background with the Hex color C7C783.

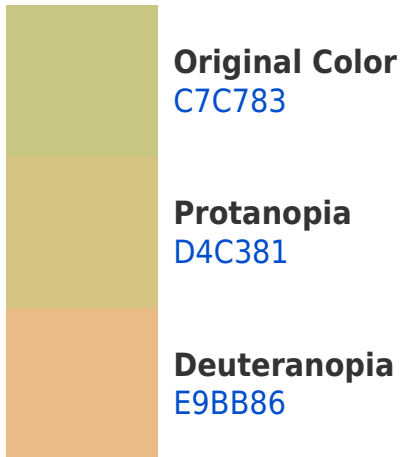


This preview shows how white text looks on a background with the Hex color C7C783.

# Color Blindness Simulation

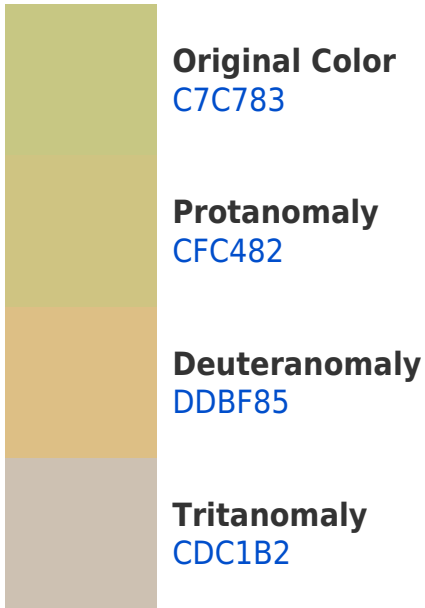
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

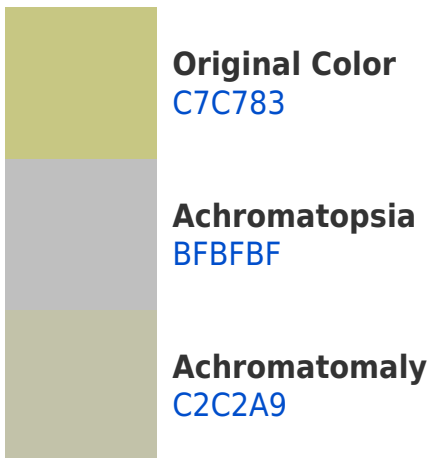




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C7C783 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 #C7C783 looks like.

```
.text, #text, p{  
    color:#C7C783  
}
```

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 #C7C783 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C7C783
}
```

## Border

The CSS property to change the border of an element to Hex C7C783 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
#C7C783 }
```

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

```
.border{ border-color:#C7C783 }
```

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

Here you see how a box with a 4 pixel #C7C783 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C7C783; -webkit-box-shadow:4px 4px  
4px 4px #C7C783; box-shadow:4px 4px 4px  
4px #C7C783 }
```

# Background

The CSS property to change the background color of an element to Hex C7C783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C7C783 }
```

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

```
.background{ background-color:#C7C783 }
```

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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