

# Converting Colors

Hex(C7C87F)

Have a look what the booklet for  
Hex(C7C87F) contains.

<b>Hex(C7C87F)</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(C7C87F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C7C87F
RGB	199, 200, 127
RGB Percent	78%, 78%, 50%
CMY	0.2196, 0.2157, 0.5020
CMYK	0.00, 0.00, 0.36, 0.22
HSL	61°, 40%, 64%
HSV	61°, 36%, 78%
XYZ	48.0382, 54.9830, 28.1596
YIQ	191.3790, 22.8370, -22.9150

# Conversions

## Conversions Part 2

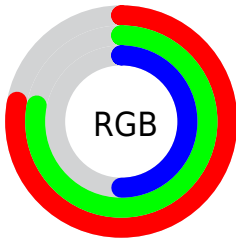
<b>Format</b>	<b>Color</b>
<b>RYB</b>	127, 200, 128
Decimal	13092991
CIELab	79.03, -11.34, 36.42
CIELCh	79, 38.148, 107.294
Yxy	54.9830, 0.3662, 0.4191
Android (android.graphics.Color)	4291283071 (0xFFC7C87F)
YUV	191.3790, -31.7388, 6.6836
Hunter-Lab	74.1505, -14.1226, 29.3892

# Details

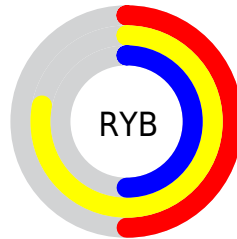
The Hex color **C7C87F** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **807FC8**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **FFFFB5**, and **90924C** is the 20% darker color. If you saturate the color by 10%, you get **C7C86B**, and if you desaturate by 10%, it is **C7C893**.

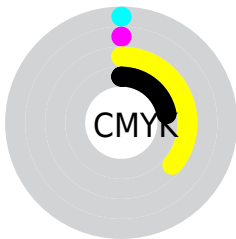
# Distribution



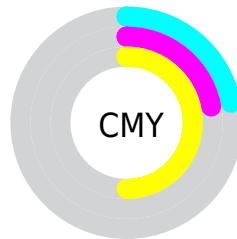
- Red (78%)
- Green (78%)
- Blue (50%)



- Red (50%)
- Yellow (78%)
- Blue (50%)



- Cyan (0%)
- Magenta (0%)
- Yellow (36%)
- Black (22%)



- Cyan (22%)
- Magenta (22%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C7C87F 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 C7C87F by changing the saturation by 10% instead.





C7C87F



C7C87F

FFFFFF



ABAD65



FFFFB5



90924C



FFFFD0



757934



FFFFED



5C601C



434802



2C3200



131D00



000000



C7C87F



C7C87F

 C7C86B

 C7C893

 C6C857

 C8C8A7

 C6C843

 C8C8BB

 C6C82F

 C8C8CF

 C6C81B

 C8C8E3

 C5C807

 C9C8F7

 C5C800

 C9C8FF

# Harmonies

## Analogous

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



E9BC7F



C7C87F



9FD192

# Triad

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



C7C87F



4AD4F7



FFAAD4

# Complementary

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



C7C87F



807FC8

# 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.



E2B3F4



C7C87F



7ACCFE

# Square

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



C7C87F



4BD7D8



B2C0FF



FFA9B0

# Rectangle

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



C7C87F



82D5A7



B2C0FF



F8ACE0



# Sweetspot

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



C7C87F



FFFFE3



C87F7F



7F806F



000000



808080



# Same Dimension

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



C7C87F



FDF88F



A4C87F



63635A



A1A300



232400



# Inverse Universe

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



807FC8



908FFF



A47FC8



5A5A63



0200A3



000024



# Previews

## White Background



This preview shows how the Hex color C7C87F looks on a white background.

## Color Contrast Check

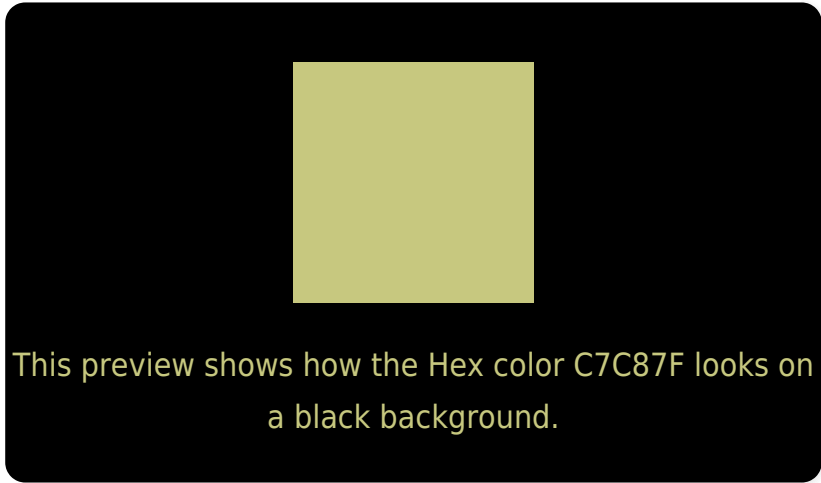
Large Text (above 18pt) WCAG AA × Fail

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

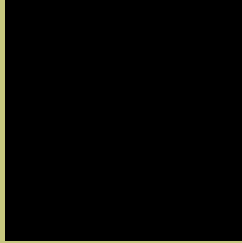
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C7C87F Background



This preview shows how black text looks on a background with the Hex color C7C87F.

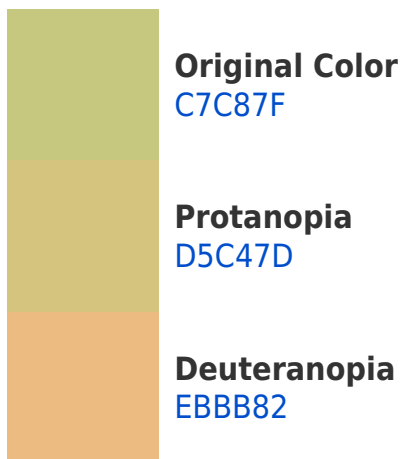


This preview shows how white text looks on a background with the Hex color C7C87F.

# Color Blindness Simulation

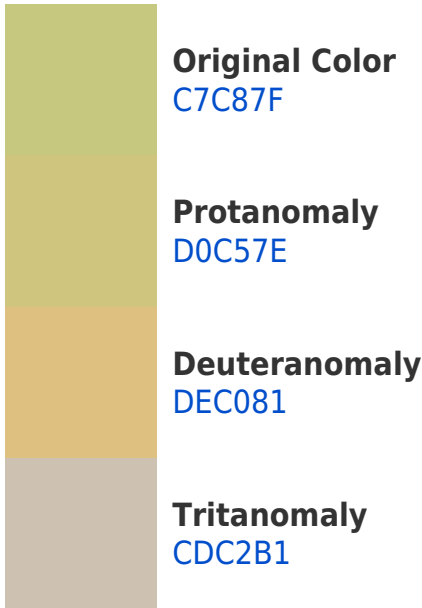
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

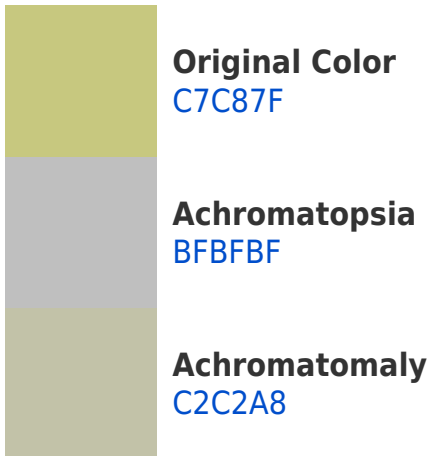




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C7C87F 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 #C7C87F looks like.

```
.text, #text, p{  
    color:#C7C87F  
}
```

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 #C7C87F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C7C87F
}
```

## Border

The CSS property to change the border of an element to Hex C7C87F 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
#C7C87F }
```

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

```
.border{ border-color:#C7C87F }
```

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

Here you see how a box with a 4 pixel #C7C87F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C7C87F; -webkit-box-shadow:4px 4px  
4px 4px #C7C87F; box-shadow:4px 4px 4px  
4px #C7C87F }
```

# Background

The CSS property to change the background color of an element to Hex C7C87F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C7C87F }
```

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

```
.background{ background-color:#C7C87F }
```

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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