

# Converting Colors

Hex(C7DA7F)

Have a look what the booklet for  
Hex(C7DA7F) contains.

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# **Color**

**Hex(C7DA7F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C7DA7F
RGB	199, 218, 127
RGB Percent	78%, 85%, 50%
CMY	0.2196, 0.1451, 0.5020
CMYK	0.09, 0.00, 0.42, 0.15
HSL	73°, 55%, 68%
HSV	73°, 42%, 85%
XYZ	52.4554, 63.8172, 29.6319
YIQ	201.9450, 17.8870, -32.3290

# Conversions

## Conversions Part 2

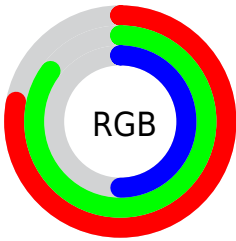
<b>Format</b>	<b>Color</b>
<b>RYB</b>	127, 218, 146
Decimal	13097599
CIELab	83.87, -20.35, 42.58
CIELCh	84, 47.195, 115.540
Yxy	63.8172, 0.3595, 0.4374
Android (android.graphics.Color)	4291287679 (0xFFC7DA7F)
YUV	201.9450, -36.9479, -2.5828
Hunter-Lab	79.8857, -22.5915, 33.9276

# Details

The Hex color **C7DA7F** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **927FDA**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **FFFFB5**, and **90A34C** is the 20% darker color. If you saturate the color by 10%, you get **C2DA69**, and if you desaturate by 10%, it is **CCDA95**.

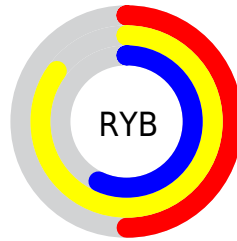
# Distribution



Red (78%)

Green (85%)

Blue (50%)



Red (50%)

Yellow (85%)

Blue (57%)

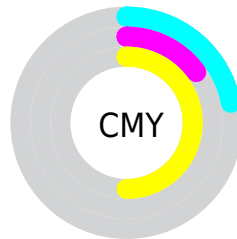


Cyan (9%)

Magenta (0%)

Yellow (42%)

Black (15%)



Cyan (22%)

Magenta (15%)

Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C7DA7F 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 C7DA7F by changing the saturation by 10% instead.



 C7DA7F

FFFFFF

 FFFFB5

 FFFFD1

 FFFFEE

 C7DA7F

 ABBE65

 90A34C

 758933

 5B6F19

 425700

 2A4000

 102900

 001600

 000000

 C7DA7F

 C7DA7F

 C2DA69

 CCDA95

 BEDA53

 D0DAAB

 B9DA3E

 D5DAC0

 B5DA28

 D9DAD6

 B0DA12

 DEDAEC

 ACDA00

 E2DAFF

 E7DAFF

 EBDAFF

 F0DAFF

# Harmonies

## Analogous

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



F4CC78



C7DA7F



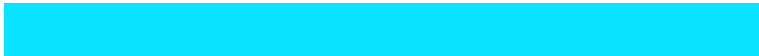
92E49D

# Triad

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



C7DA7F



09E3FF



FFAEDA

# Complementary

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



C7DA7F



927FDA

# 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.



FFB8FF



C7DA7F



81D8FF

# Square

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



C7DA7F



00E8F6



CCC8FF



FFB1AD

# Rectangle

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



C7DA7F



69E7B9



CCC8FF



FFB0E9

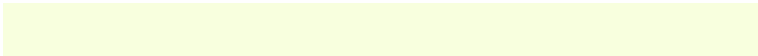


# Sweetspot

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



C7DA7F



F8FFDE



DA917F



7B806B



000000



808080



# Same Dimension

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



C7DA7F



E4FF80



9ADA7F



6B6E63



89AD00



242E00



# Inverse Universe

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



927FDA



9A80FF



BF7FDA



65636E



2400AD



0A002E



# Previews

## White Background



This preview shows how the Hex color C7DA7F looks on a white background.

## Color Contrast Check

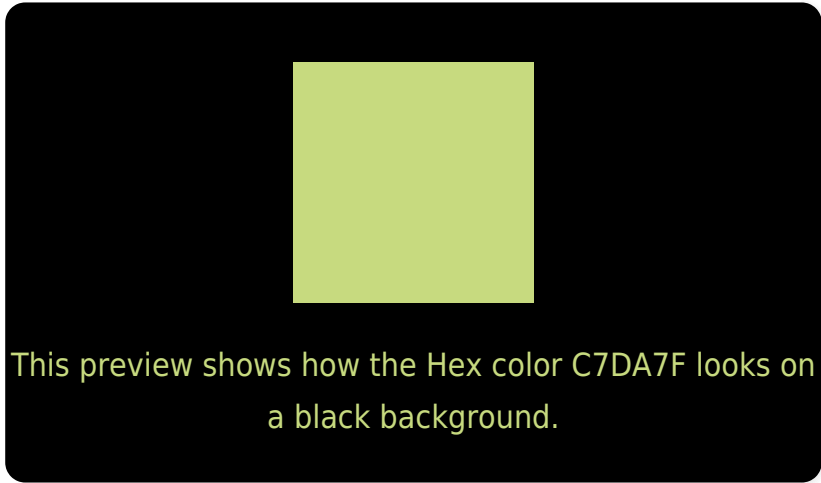
Large Text (above 18pt) WCAG AA × Fail

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

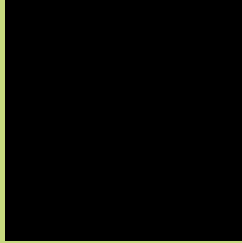
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C7DA7F Background



This preview shows how black text looks on a background with the Hex color C7DA7F.

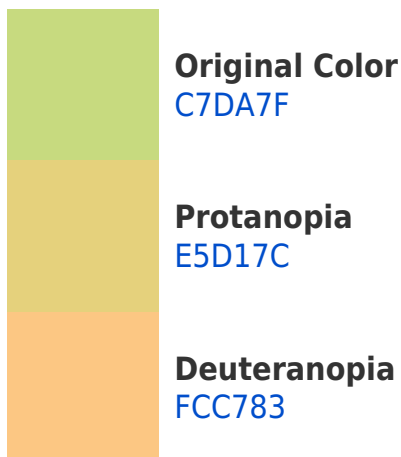


This preview shows how white text looks on a background with the Hex color C7DA7F.

# 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](#).

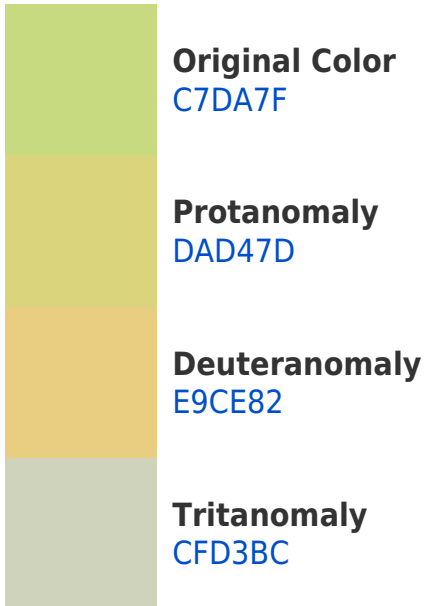
## Dichromacy



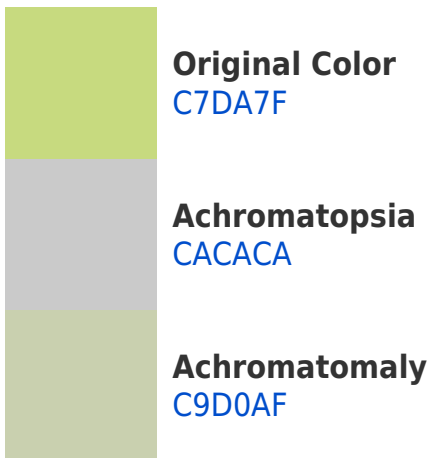


**Tritanopia**  
D3CFDF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C7DA7F 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 #C7DA7F looks like.

```
.text, #text, p{  
    color:#C7DA7F  
}
```

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 #C7DA7F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C7DA7F
}
```

## Border

The CSS property to change the border of an element to Hex C7DA7F 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
#C7DA7F }
```

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

```
.border{ border-color:#C7DA7F }
```

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

Here you see how a box with a 4 pixel #C7DA7F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C7DA7F; -webkit-box-shadow:4px 4px  
4px 4px #C7DA7F; box-shadow:4px 4px 4px  
4px #C7DA7F }
```

# Background

The CSS property to change the background color of an element to Hex C7DA7F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C7DA7F }
```

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

```
.background{ background-color:#C7DA7F }
```

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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