

# Converting Colors

Hex(C7DC9F)

Have a look what the booklet for  
Hex(C7DC9F) contains.

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# Color

Hex(C7DC9F)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C7DC9F
RGB	199, 220, 159
RGB Percent	78%, 86%, 62%
CMY	0.2196, 0.1373, 0.3765
CMYK	0.10, 0.00, 0.28, 0.14
HSL	81°, 47%, 74%
HSV	81°, 28%, 86%
XYZ	55.4044, 65.8317, 42.5876
YIQ	206.7670, 7.0650, -23.4230

# Conversions

## Conversions Part 2

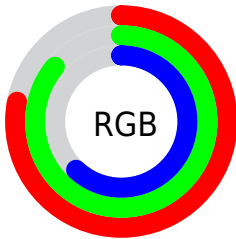
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">159, 220, 180</a>
Decimal	<a href="#">13098143</a>
CIELab	<a href="#">84.91, -17.28, 27.72</a>
CIElCh	<a href="#">85, 32.667, 121.945</a>
Yxy	<a href="#">65.8317, 0.3382, 0.4018</a>
Android (android.graphics.Color)	<a href="#">4291288223 (0xFFC7DC9F)</a>
YUV	<a href="#">206.7670, -23.5491, -6.8117</a>
Hunter-Lab	<a href="#">81.1367, -20.1002, 25.6752</a>

# Details

The Hex color **C7DC9F** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **B49FDC**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **FFFFD6**, and **90A56B** is the 20% darker color. If you saturate the color by 10%, you get **BFDC89**, and if you desaturate by 10%, it is **CFDCB5**.

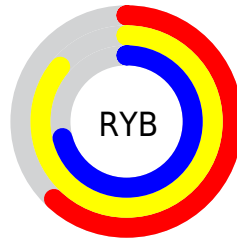
# Distribution



Red (78%)

Green (86%)

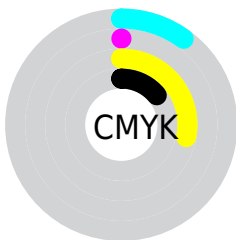
Blue (62%)



Red (62%)

Yellow (86%)

Blue (71%)

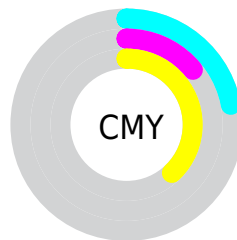


Cyan (10%)

Magenta (0%)

Yellow (28%)

Black (14%)



Cyan (22%)

Magenta (14%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C7DC9F 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 C7DC9F by changing the saturation by 10% instead.



 C7DC9F

FFFFFF

 FFFFD6

 FFFFF3

 C7DC9F

 ABC085

 90A56B

 768B52

 5D713B

 455924

 2D410D

 182B00

 001800

 000000

 C7DC9F

 C7DC9F

 BFDC89

 CFDCB5

 B8DC73

 D6DCCB

 B0DC5D

 DEDCE1

 A9DC47

 E5DCF7

 A1DC31

 EDDCFF

 9ADC1B

 F4DCFF

 92DC05

 FCDCFF

 90DC00

 FFDCFF

# Harmonies

## Analogous

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



E8D396



C7DC9F



A3E2B6

# Triad

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



C7DC9F



87DFFF



FFBDD3

# Complementary

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



C7DC9F



B49FDC

# Split Complementary

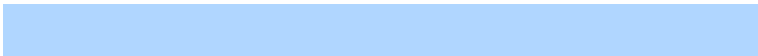
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FDC2F2



C7DC9F



B0D6FF

# Square

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



C7DC9F



75E4F4



DBCBBF



FFC0B5

# Rectangle

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



C7DC9F



8DE5CA



DBCBF



FFBEDE



# Sweetspot

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



C7DC9F



F8FFEB



DCB39F



7B8073



000000



808080

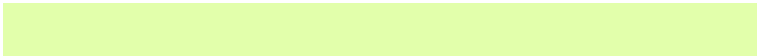


# Same Dimension

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



C7DC9F



E2FFAB



A9DC9F



6A6E63



72AD00



1E2E00



# Inverse Universe

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



B49FDC



C8ABFF



D29FDC



66636E



3C00AD

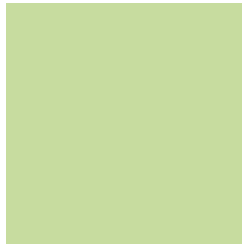


10002E



# Previews

## White Background



This preview shows how the Hex color C7DC9F 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 C7DC9F looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

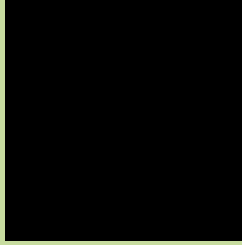
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C7DC9F Background



This preview shows how black text looks on a background with the Hex color C7DC9F.

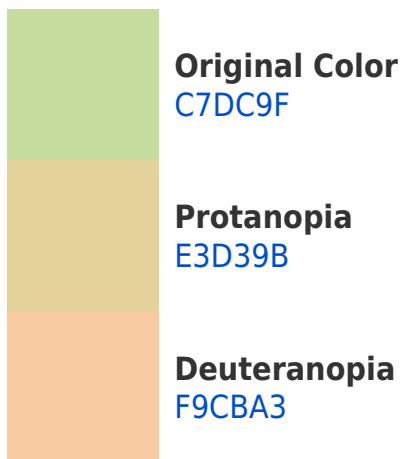


This preview shows how white text looks on a background with the Hex color C7DC9F.

# 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](#).

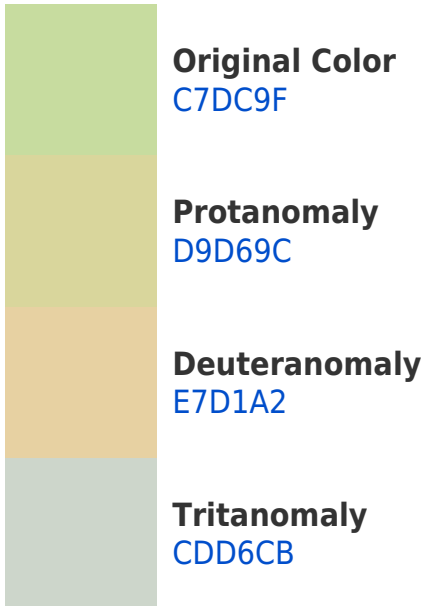
## Dichromacy



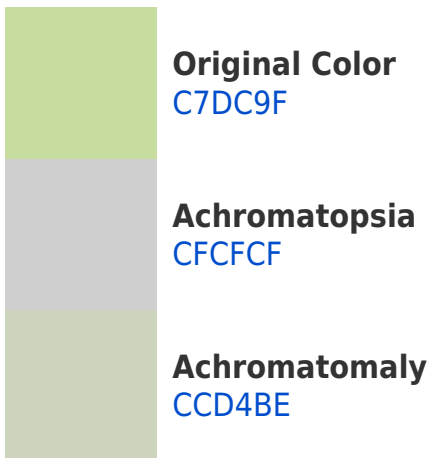


**Tritanopia**  
D1D3E4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C7DC9F 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 #C7DC9F looks like.

```
.text, #text, p{  
    color:#C7DC9F  
}
```

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 #C7DC9F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C7DC9F
}
```

## Border

The CSS property to change the border of an element to Hex C7DC9F 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
#C7DC9F }
```

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

```
.border{ border-color:#C7DC9F }
```

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

Here you see how a box with a 4 pixel #C7DC9F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C7DC9F; -webkit-box-shadow:4px 4px  
4px 4px #C7DC9F; box-shadow:4px 4px 4px  
4px #C7DC9F }
```

# Background

The CSS property to change the background color of an element to Hex C7DC9F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C7DC9F }
```

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

```
.background{ background-color:#C7DC9F }
```

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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