

# Converting Colors

Hex(D7CA9F)

Have a look what the booklet for  
Hex(D7CA9F) contains.

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# **Color**

**Hex(D7CA9F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D7CA9F
RGB	215, 202, 159
RGB Percent	84%, 79%, 62%
CMY	0.1569, 0.2078, 0.3765
CMYK	0.00, 0.06, 0.26, 0.16
HSL	46°, 41%, 73%
HSV	46°, 26%, 84%
XYZ	55.4029, 59.1913, 41.3059
YIQ	200.9850, 21.5510, -10.6170

# Conversions

## Conversions Part 2

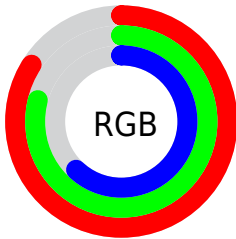
Format	Color
R <sub>Y</sub> B	176, 215, 159
Decimal	14142111
CIE Lab	81.40, -2.14, 23.14
CIE LCh	81, 23.242, 95.288
Yxy	59.1913, 0.3554, 0.3797
Android (android.graphics.Color)	4292332191 (0xFFD7CA9F)
YUV	200.9850, -20.6986, 12.2912
Hunter-Lab	76.9359, -6.0969, 22.0231

# Details

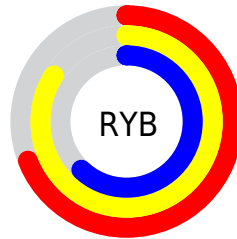
The Hex color **D7CA9F** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **9FACD7**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **FFFFD6**, and **A0946B** is the 20% darker color. If you saturate the color by 10%, you get **D7C58A**, and if you desaturate by 10%, it is **D7CFB5**.

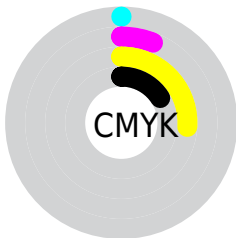
# Distribution



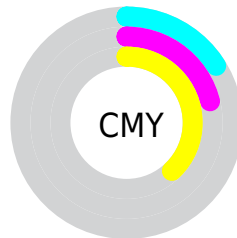
- Red (84%)
- Green (79%)
- Blue (62%)



- Red (69%)
- Yellow (84%)
- Blue (62%)



- Cyan (0%)
- Magenta (6%)
- Yellow (26%)
- Black (16%)



- Cyan (16%)
- Magenta (21%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D7CA9F 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 D7CA9F by changing the saturation by 10% instead.



 D7CA9F

 D7CA9F

FFFFFF

 BBAF85

 FFFFD6

 A0946B

 FFFFF2

 857A53


 6B623B

 524A25

 3A3310

 251E00

 020700

 000000

 D7CA9F

 D7CA9F

 D7C58A

 D7CFB5

 D7C074

 D7D4CA

 D7BB5E

 D7D9E0

 D7B649

 D7DEF5

 D7B134

 D7E3FF

 D7AC1E

 D7E8FF

 D7A708

 D7EDFF

 D7A500

 D7F2FF

 D7F7FF

# Harmonies

## Analogous

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



EBC3A3



D7CA9F



BFD1A6

# Triad

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



D7CA9F



8ED6E3



EABDDD

# Complementary

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



D7CA9F



9FACD7

# 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.



D3C3EE



D7CA9F



9CD1F1

# Square

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



D7CA9F



94D7CD



B6CBF5



F6BBC7

# Rectangle

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



D7CA9F



AED4B1



B6CBF5



E3BFE3



# Sweetspot

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



D7CA9F



FFFAEB



D79FAC



807D73



000000



808080

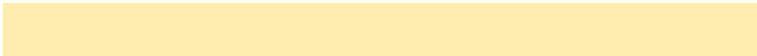


# Same Dimension

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



D7CA9F



FFEDB0



C8D79F



6B6960



AB8300



2B2100



# Inverse Universe

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



9FACD7



B0C2FF



AE9FD7



60636B



0028AB

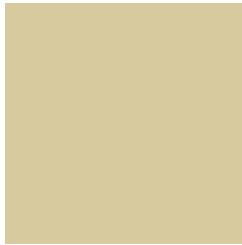


000A2B



# Previews

## White Background



This preview shows how the Hex color D7CA9F 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 D7CA9F looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

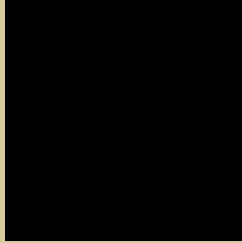
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D7CA9F Background



This preview shows how black text looks on a background with the Hex color D7CA9F.

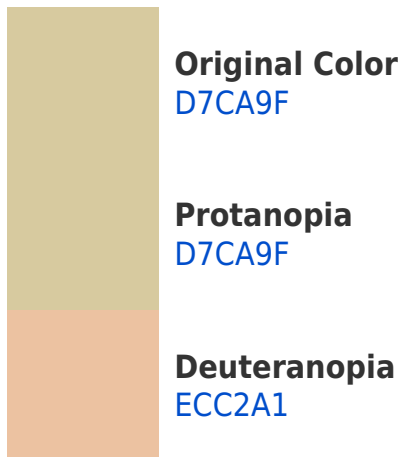


This preview shows how white text looks on a background with the Hex color D7CA9F.

# 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](#).

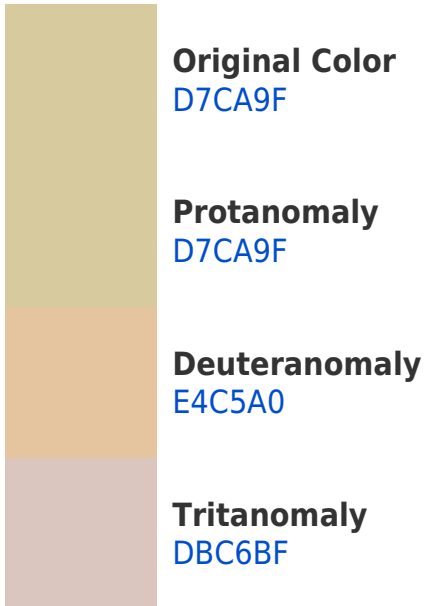
## Dichromacy



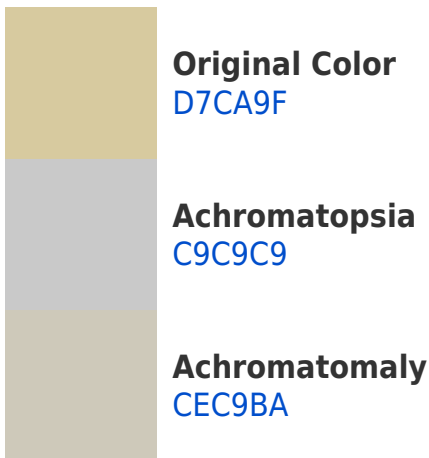


**Tritanopia**  
DDC3D2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D7CA9F 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 #D7CA9F looks like.

```
.text, #text, p{  
    color:#D7CA9F  
}
```

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 #D7CA9F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D7CA9F
}
```

## Border

The CSS property to change the border of an element to Hex D7CA9F 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
#D7CA9F }
```

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

```
.border{ border-color:#D7CA9F }
```

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

Here you see how a box with a 4 pixel #D7CA9F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D7CA9F; -webkit-box-shadow:4px 4px  
4px 4px #D7CA9F; box-shadow:4px 4px 4px  
4px #D7CA9F }
```

# Background

The CSS property to change the background color of an element to Hex D7CA9F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D7CA9F }
```

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

```
.background{ background-color:#D7CA9F }
```

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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