

# Converting Colors

Hex(D7C897)

Have a look what the booklet for  
Hex(D7C897) contains.

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# **Color**

**Hex(D7C897)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D7C897
RGB	215, 200, 151
RGB Percent	84%, 78%, 59%
CMY	0.1569, 0.2157, 0.4078
CMYK	0.00, 0.07, 0.30, 0.16
HSL	46°, 44%, 72%
HSV	46°, 30%, 84%
XYZ	54.2645, 57.9900, 37.6113
YIQ	198.8990, 24.6690, -12.0590

# Conversions

## Conversions Part 2

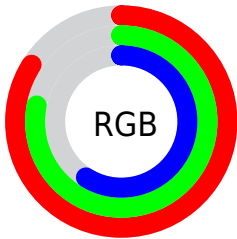
Format	Color
<b>RYB</b>	171, 215, 151
Decimal	14141591
CIELab	80.73, -2.16, 26.45
CIELCh	81, 26.540, 94.674
Yxy	57.9900, 0.3621, 0.3869
Android (android.graphics.Color)	4292331671 (0xFFD7C897)
YUV	198.8990, -23.6142, 14.1206
Hunter-Lab	76.1512, -6.0673, 24.0223

# Details

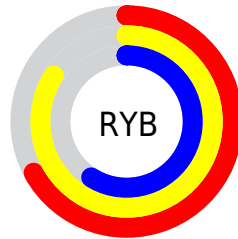
The Hex color **D7C897** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **97A6D7**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **FFFFCE**, and **9F9264** is the 20% darker color. If you saturate the color by 10%, you get **D7C382**, and if you desaturate by 10%, it is **D7CDAD**.

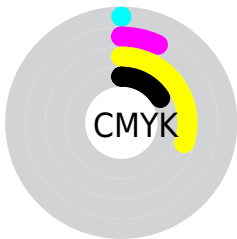
# Distribution



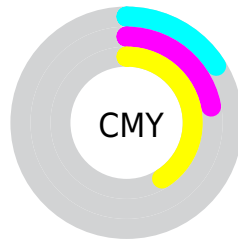
- Red (84%)
- Green (78%)
- Blue (59%)



- Red (67%)
- Yellow (84%)
- Blue (59%)



- Cyan (0%)
- Magenta (7%)
- Yellow (30%)
- Black (16%)



- Cyan (16%)
- Magenta (22%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D7C897 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 D7C897 by changing the saturation by 10% instead.



 D7C897

 D7C897

FFFFFF

 BBAD7D

 FFFFCE

 9F9264

 FFFFEA

 85794B

 6B6034

 52481E

 3A3207

 231D00

 000400

 000000

 D7C897

 D7C897

 D7C382

 D7CDAD

 D7BE6C

 D7D2C2

 D7B957

 D7D7D8

 D7B441

 D7DCED

 D7AF2C

 D7E1FF

 D7AA16

 D7E6FF

 D7A501

 D7EBFF

 D7A500

 D7F0FF

 D7F5FF

# Harmonies

## Analogous

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



EDC09C



D7C897



BCCF9F

# Triad

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



D7C897



81D5E4



ECBADE

# Complementary

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



D7C897



97A6D7

# 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.



D1C1F1



D7C897



91D1F4

# Square

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



D7C897



89D7CC



B0C9F9



FAB7C5

# Rectangle

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



D7C897



A9D3AB



B0C9F9



E4BCE5



# Sweetspot

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



D7C897



FFFAE8



D797A7



807C71



000000



808080



# Same Dimension

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



D7C897



FFE9A3



C7D797



6B6960



AB8300



2B2100



# Inverse Universe

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



97A6D7



A3B9FF



A797D7



60636B



0028AB

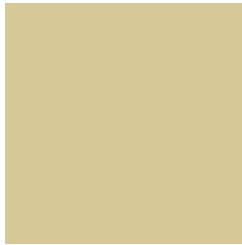


000A2B



# Previews

## White Background



This preview shows how the Hex color D7C897 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 D7C897 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

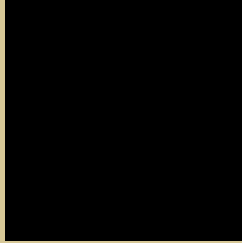
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D7C897 Background



This preview shows how black text looks on a background with the Hex color D7C897.

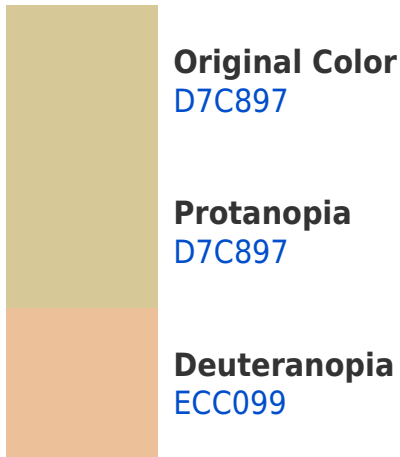


This preview shows how white text looks on a background with the Hex color D7C897.

# Color Blindness Simulation

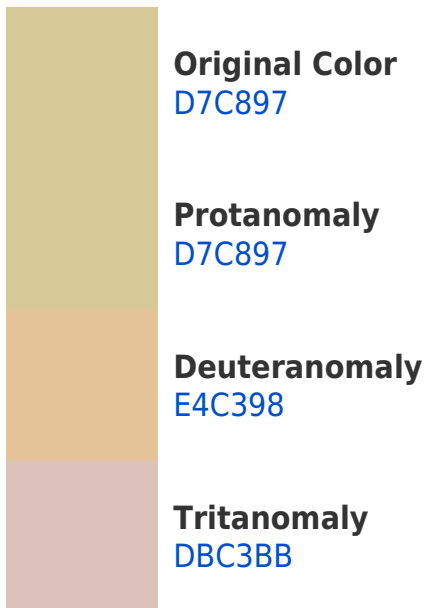
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D7C897 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 #D7C897 looks like.

```
.text, #text, p{  
    color:#D7C897  
}
```

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 #D7C897 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D7C897
}
```

## Border

The CSS property to change the border of an element to Hex D7C897 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
#D7C897 }
```

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

```
.border{ border-color:#D7C897 }
```

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

Here you see how a box with a 4 pixel #D7C897 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D7C897; -webkit-box-shadow:4px 4px  
4px 4px #D7C897; box-shadow:4px 4px 4px  
4px #D7C897 }
```

# Background

The CSS property to change the background color of an element to Hex D7C897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D7C897 }
```

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

```
.background{ background-color:#D7C897 }
```

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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