

# Converting Colors

Hex(D7CA91)

Have a look what the booklet for  
Hex(D7CA91) contains.

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# **Color**

**Hex(D7CA91)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D7CA91
RGB	215, 202, 145
RGB Percent	84%, 79%, 57%
CMY	0.1569, 0.2078, 0.4314
CMYK	0.00, 0.06, 0.33, 0.16
HSL	49°, 47%, 71%
HSV	49°, 33%, 84%
XYZ	54.2557, 58.7325, 35.2650
YIQ	199.3890, 26.0450, -14.9710

# Conversions

## Conversions Part 2

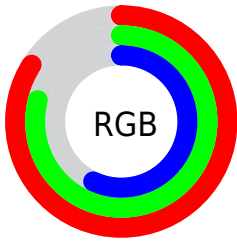
<b>Format</b>	<b>Color</b>
<b>RYB</b>	161, 215, 145
Decimal	14142097
CIELab	81.14, -3.96, 30.14
CIELCh	81, 30.400, 97.479
Yxy	58.7325, 0.3660, 0.3962
Android (android.graphics.Color)	4292332177 (0xFFD7CA91)
YUV	199.3890, -26.8138, 13.6908
Hunter-Lab	76.6371, -7.7448, 26.3634

# Details

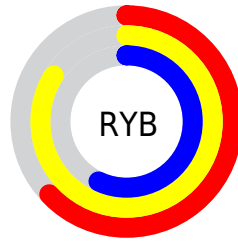
The Hex color **D7CA91** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **919ED7**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **FFFFC7**, and **9F945E** is the 20% darker color. If you saturate the color by 10%, you get **D7C67C**, and if you desaturate by 10%, it is **D7CEA7**.

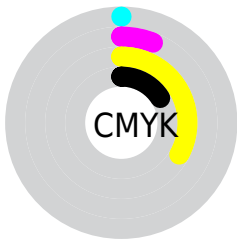
# Distribution



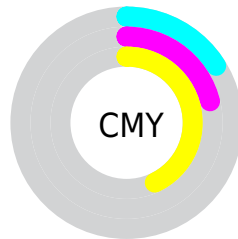
- Red (84%)
- Green (79%)
- Blue (57%)



- Red (63%)
- Yellow (84%)
- Blue (57%)



- Cyan (0%)
- Magenta (6%)
- Yellow (33%)
- Black (16%)



- Cyan (16%)
- Magenta (21%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D7CA91 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 D7CA91 by changing the saturation by 10% instead.



 D7CA91

 D7CA91

FFFFFF

 BBAF77

 FFFFC7

 9F945E

 FFFF E3

 847A46


 6A622E

 514A18

 393400

 221F00

 000700

 000000

 D7CA91

 D7CA91

 D7C67C

 D7CEA7

 D7C266

 D7D2BC

 D7BE51

 D7D6D2

 D7BA3B

 D7DAE7

 D7B625

 D7DEFC

 D7B210

 D7E2FF

 D7AF00

 D7E6FF

 D7EAF7

 D7EEFF

# Harmonies

## Analogous

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



F1C096



D7CA91



B8D29C

# Triad

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



D7CA91



74D8EB



F4B8E0

# Complementary

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



D7CA91



919ED7

# 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.



D7C0F7



D7CA91



89D2FD

# Square

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



D7CA91



7CDAD0



B0CAFF



FFB5C3

# Rectangle

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



D7CA91



A2D6AA



B0CAFF



ECBAE9



# Sweetspot

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



D7CA91



FFFAE6



D7919F



807D70



000000



808080



# Same Dimension

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



D7CA91



FFED9C



C2D791



6B6960



AB8B00



2B2300



# Inverse Universe

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



919ED7



9CAEFF



A691D7



60626B



0020AB

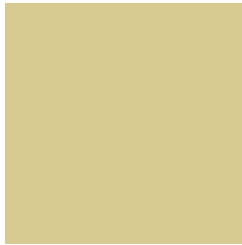


00082B



# Previews

## White Background



This preview shows how the Hex color D7CA91 looks on a white background.

## Color Contrast Check

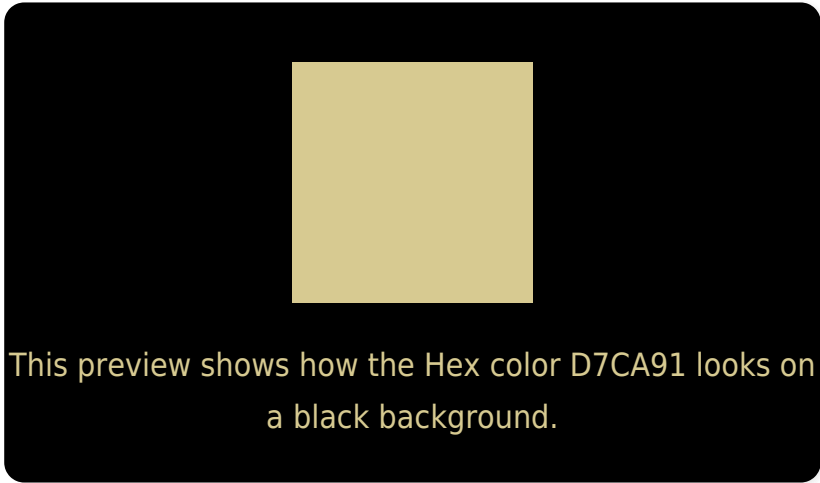
Large Text (above 18pt) WCAG AA × Fail

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

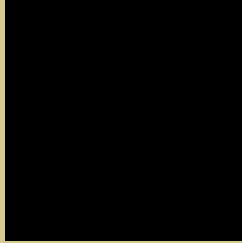
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D7CA91 Background



This preview shows how black text looks on a background with the Hex color D7CA91.

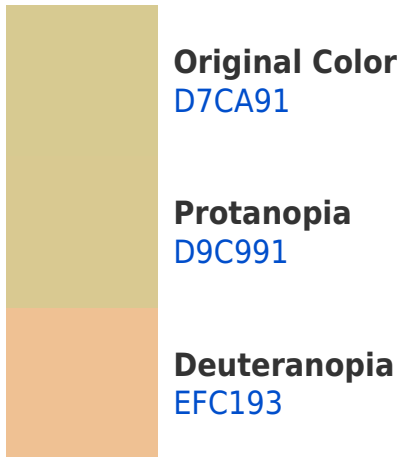


This preview shows how white text looks on a background with the Hex color D7CA91.

# 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](#).

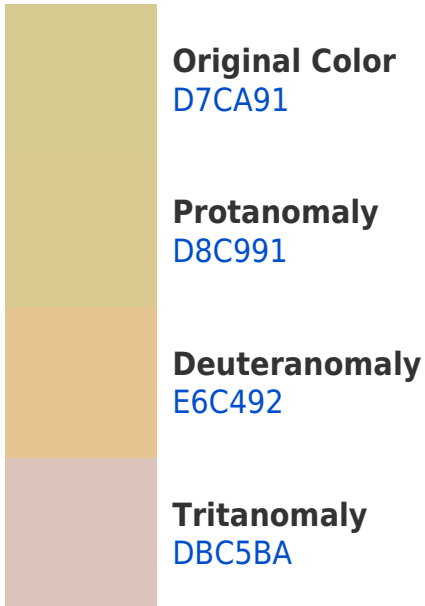
## Dichromacy



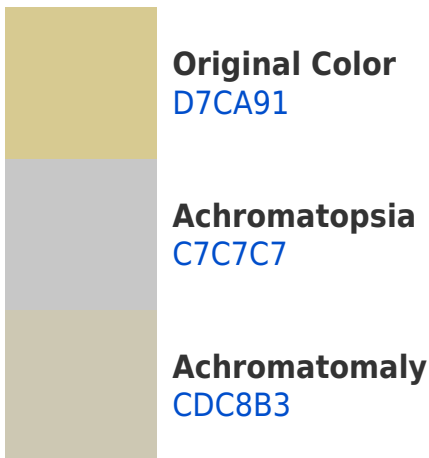


**Tritanopia**  
DEC2D1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D7CA91 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 #D7CA91 looks like.

```
.text, #text, p{  
    color:#D7CA91  
}
```

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 #D7CA91 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D7CA91
}
```

## Border

The CSS property to change the border of an element to Hex D7CA91 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
#D7CA91 }
```

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

```
.border{ border-color:#D7CA91 }
```

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

Here you see how a box with a 4 pixel #D7CA91 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D7CA91; -webkit-box-shadow:4px 4px  
4px 4px #D7CA91; box-shadow:4px 4px 4px  
4px #D7CA91 }
```

# Background

The CSS property to change the background color of an element to Hex D7CA91 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D7CA91 }
```

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

```
.background{ background-color:#D7CA91 }
```

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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