

# Converting Colors

Hex(D7C28E)

Have a look what the booklet for  
Hex(D7C28E) contains.

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# **Color**

**Hex(D7C28E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D7C28E
RGB	215, 194, 142
RGB Percent	84%, 76%, 56%
CMY	0.1569, 0.2392, 0.4431
CMYK	0.00, 0.10, 0.34, 0.16
HSL	43°, 48%, 70%
HSV	43°, 34%, 84%
XYZ	52.1986, 54.9836, 33.4529
YIQ	194.3510, 29.2080, -11.7200

# Conversions

## Conversions Part 2

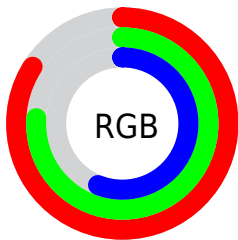
Format	Color
<b>RYB</b>	171, 215, 142
Decimal	14140046
CIELab	79.03, -0.16, 28.89
CIELCh	79, 28.894, 90.320
Yxy	54.9836, 0.3712, 0.3910
Android (android.graphics.Color)	4292330126 (0xFFD7C28E)
YUV	194.3510, -25.8090, 18.1092
Hunter-Lab	74.1510, -4.1090, 25.1572

# Details

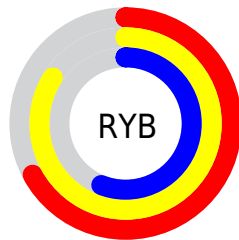
The Hex color **D7C28E** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **8EA3D7**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **FFFAC4**, and **9F8D5B** is the 20% darker color. If you saturate the color by 10%, you get **D7BC79**, and if you desaturate by 10%, it is **D7C8A4**.

# Distribution



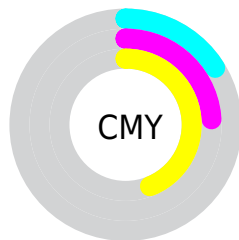
- Red (84%)
- Green (76%)
- Blue (56%)



- Red (67%)
- Yellow (84%)
- Blue (56%)



- Cyan (0%)
- Magenta (10%)
- Yellow (34%)
- Black (16%)



- Cyan (16%)
- Magenta (24%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D7C28E 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 D7C28E by changing the saturation by 10% instead.



 D7C28E

 D7C28E

FFFFFF

 BBA774

 FFFAC4

 9F8D5B

 FFFFEO

 847343

FFFFFFD

 6A5B2C

 514316

 392D00

 211900

 000000

 D7C28E

 D7C28E

 D7BC79

 D7C8A4

 D7B663

 D7CEB9

 D7AF4E

 D7D5CF

 D7A938

 D7DBE4

 D7A323

 D7E1FA

 D79D0D

 D7E7FF

 D79900

 D7EDFF

 D7F3FF

 D7FAFF

# Harmonies

## Analogous

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



EDB996



D7C28E



BACA95

# Triad

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



D7C28E



73D2DE



E7B4DF

# Complementary

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



D7C28E



8EA3D7

# 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.



C8BDF2



D7C28E



81CEF2

# Square

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



D7C28E



80D3C3



A3C6F9



F8B0C4

# Rectangle

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



D7C28E



A5CEA1



A3C6F9



DEB7E6

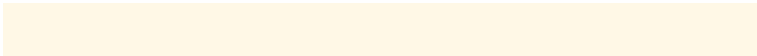


# Sweetspot

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



D7C28E



FFF8E6



D78EA4



807B70



000000



808080



# Same Dimension

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



D7C28E



FFE196



C8D78E



6B6860



AB7A00



2B1F00



# Inverse Universe

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



8EA3D7



96B5FF



9D8ED7



60636B



0031AB

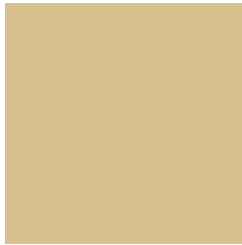


000C2B



# Previews

## White Background



This preview shows how the Hex color D7C28E looks on a white background.

## Color Contrast Check

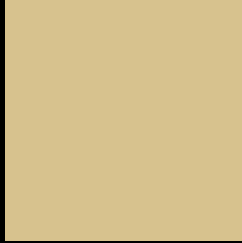
Large Text (above 18pt) WCAG AA × Fail

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 D7C28E looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

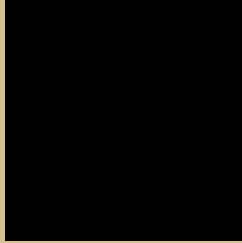
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D7C28E Background



This preview shows how black text looks on a background with the Hex color D7C28E.



This preview shows how white text looks on a background with the Hex color D7C28E.

# 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

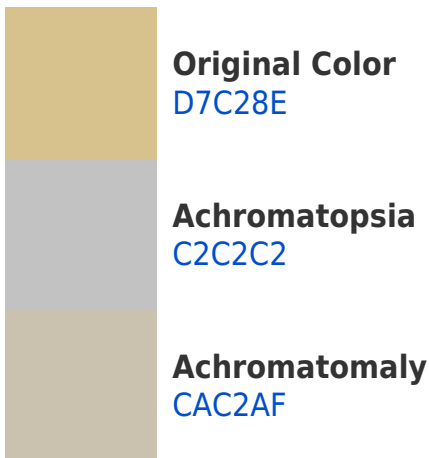




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D7C28E 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 #D7C28E looks like.

```
.text, #text, p{  
    color:#D7C28E  
}
```

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 #D7C28E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D7C28E
}
```

## Border

The CSS property to change the border of an element to Hex D7C28E 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
#D7C28E }
```

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

```
.border{ border-color:#D7C28E }
```

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

Here you see how a box with a 4 pixel #D7C28E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D7C28E; -webkit-box-shadow:4px 4px  
4px 4px #D7C28E; box-shadow:4px 4px 4px  
4px #D7C28E }
```

# Background

The CSS property to change the background color of an element to Hex D7C28E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D7C28E }
```

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

```
.background{ background-color:#D7C28E }
```

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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