

# Converting Colors

Hex(DCD7CA)

Have a look what the booklet for  
Hex(DCD7CA) contains.

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# **Color**

**Hex(DCD7CA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DCD7CA
RGB	220, 215, 202
RGB Percent	86%, 84%, 79%
CMY	0.1373, 0.1569, 0.2078
CMYK	0.00, 0.02, 0.08, 0.14
HSL	43°, 20%, 83%
HSV	43°, 8%, 86%
XYZ	64.4763, 68.0808, 65.6198
YIQ	215.0130, 7.1530, -2.9830

# Conversions

## Conversions Part 2

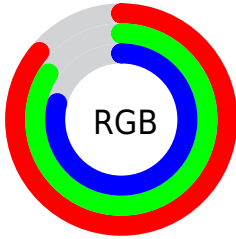
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	209, 220, 202
Decimal	14473162
CIE Lab	86.05, -0.53, 7.01
CIE LCh	86, 7.027, 94.304
Yxy	68.0808, 0.3253, 0.3435
Android (android.graphics.Color)	4292663242 (0xFFDCD7CA)
YUV	215.0130, -6.4154, 4.3736
Hunter-Lab	82.5111, -4.9098, 10.6054

# Details

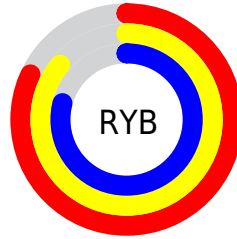
The Hex color **DCD7CA** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **CACFDC**, and the grayscale version is **D7D7D7**.

A 20% lighter version of the original color is **FFFFFF**, and **A5A094** is the 20% darker color. If you saturate the color by 10%, you get **DCD1B4**, and if you desaturate by 10%, it is **DCDDE0**.

# Distribution



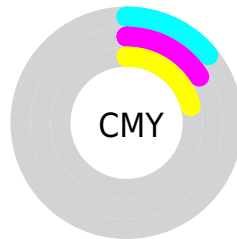
- Red (86%)
- Green (84%)
- Blue (79%)



- Red (82%)
- Yellow (86%)
- Blue (79%)



- Cyan (0%)
- Magenta (2%)
- Yellow (8%)
- Black (14%)



- Cyan (14%)
- Magenta (16%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DCD7CA 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 DCD7CA by changing the saturation by 10% instead.



■ DCD7CA

FFFFFF

■ DCD7CA

■ C0BBAF

■ A5A094

■ 8B867A

■ 716D61

■ 59554A

■ 413E33

■ 2B281E

■ 171305

■ 000000

 DCD7CA

 DCD7CA

 DCD1B4

 DCDDE0

 DCCB9E

 DCE3F6

 DCC588

 DCE9FF

 DCBF72

 DCEFFF

 DCB85C

 DCF6FF

 DCB246

 DCFCFF

 DCAC30

 DCFFFF

 DCA61A

 DCA004

# Harmonies

## Analogous

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



E2D5CB



DCD7CA



D4D9CC

# Triad

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



DCD7CA



C7DBDE



E1D4DD

# Complementary

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



DCD7CA



CACFDC

# 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.



DAD5E2



DCD7CA



CBD9E3

# Square

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



DCD7CA



C8DBD8



D2D7E4



E5D3D6

# Rectangle

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



DCD7CA



CFDACF



D2D7E4



DFD4DF



# Sweetspot

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



DCD7CA



FFFEFA



DCCACF



807F7D



000000



808080

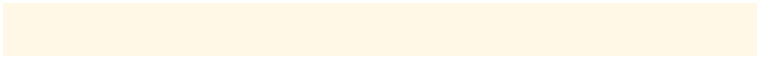


# Same Dimension

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



DCD7CA



FFF8E6



D8DCCA



6E6B63



AD7D00



2E2100

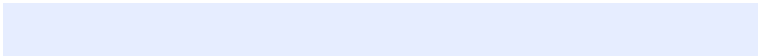


# Inverse Universe

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



CACFDC



E6EDFF



CECADC



63666E



0030AD

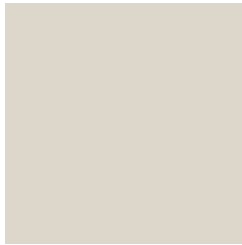


000D2E



# Previews

## White Background



This preview shows how the Hex color DCD7CA 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 DCD7CA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

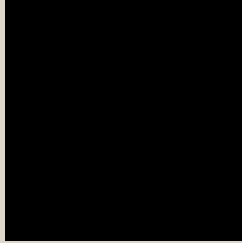
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

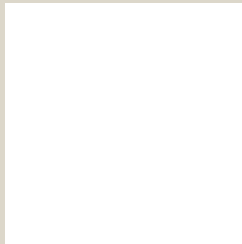
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex DCD7CA Background



This preview shows how black text looks on a background with the Hex color DCD7CA.

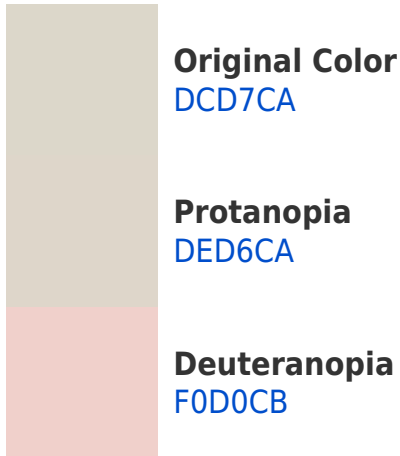


This preview shows how white text looks on a background with the Hex color DCD7CA.

# 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**  
E0D3E4

# Trichromacy



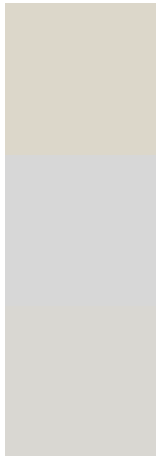
**Original Color**  
DCD7CA

**Protanomaly**  
DDD6CA

**Deuteranomaly**  
E9D3CB

**Tritanomaly**  
DFD4DB

# Monochromacy



**Original Color**  
DCD7CA

**Achromatopsia**  
D7D7D7

**Achromatomaly**  
D9D7D2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DCD7CA 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 #DCD7CA looks like.

```
.text, #text, p{  
    color:#DCD7CA  
}
```

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 #DCD7CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DCD7CA
}
```

## Border

The CSS property to change the border of an element to Hex DCD7CA 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
#DCD7CA }
```

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

```
.border{ border-color:#DCD7CA }
```

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

Here you see how a box with a 4 pixel #DCD7CA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DCD7CA; -webkit-box-shadow:4px 4px  
4px 4px #DCD7CA; box-shadow:4px 4px 4px  
4px #DCD7CA }
```

# Background

The CSS property to change the background color of an element to Hex DCD7CA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DCD7CA }
```

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

```
.background{ background-color:#DCD7CA }
```

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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