

# Converting Colors

Hex(DCDCC3)

Have a look what the booklet for  
Hex(DCDCC3) contains.

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# **Color**

**Hex(DCDCC3)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DCDCC3
RGB	220, 220, 195
RGB Percent	86%, 86%, 76%
CMY	0.1373, 0.1373, 0.2353
CMYK	0.00, 0.00, 0.11, 0.14
HSL	60°, 26%, 81%
HSV	60°, 11%, 86%
XYZ	64.9587, 70.3422, 61.7835
YIQ	217.1500, 8.0250, -7.7750

# Conversions

## Conversions Part 2

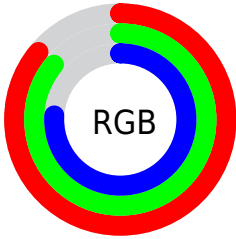
<b>Format</b>	<b>Color</b>
<b>RYB</b>	195, 220, 195
Decimal	14474435
CIELab	87.16, -4.25, 12.29
CIELCh	87, 13.007, 109.079
Yxy	70.3422, 0.3296, 0.3569
Android (android.graphics.Color)	4292664515 (0xFFDCDCC3)
YUV	217.1500, -10.9199, 2.4995
Hunter-Lab	83.8702, -8.5221, 15.0329

# Details

The Hex color **DCDCC3** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **C3C3DC**, and the grayscale version is **D9D9D9**.

A 20% lighter version of the original color is **FFFFC**, and **A5A58D** is the 20% darker color. If you saturate the color by 10%, you get **DCDCAD**, and if you desaturate by 10%, it is **DCDCD9**.

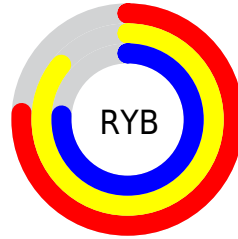
# Distribution



Red (86%)

Green (86%)

Blue (76%)



Red (76%)

Yellow (86%)

Blue (76%)

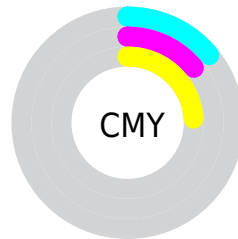


Cyan (0%)

Magenta (0%)

Yellow (11%)

Black (14%)



Cyan (14%)

Magenta (14%)

Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DCDCC3 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 DCDCC3 by changing the saturation by 10% instead.



 DCDCC3

FFFFFFF


FFFFFFC

 DCDCC3

 C0C0A8

 A5A58D

 8A8B74

 71715B

 585944

 41422D

 2B2C18

 181700

 000000

 DCDC3

 DCDC3

 DCDCAD

 DCDCD9

 DCDC97

 DCDC97

 DCDC81

 DCDCFF

 DCDC6B

 DCDC55

 DCDC3F

 DCDC29

 DCDC13

 DCDC00

# Harmonies

## Analogous

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



E9D8C2



DCDCC3



CEDFCA

# Triad

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



DCDCC3



BEE0ED



F1D2DF

# Complementary

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



DCDCC3



C3C3DC

# 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.



E6D5EB



DCDCC3



C8DDF2

# Square

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



DCDCC3



BCE2E2



D7D9F2



F5D2D3

# Rectangle

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



DCDCC3



C5E1D1



D7D9F2



EED3E3



# Sweetspot

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



DCDCC3



FFFFF7



DCC3C3



80807A



000000



808080



# Same Dimension

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



DCDCC3



FFFFDB



D0DCC3



6E6E63



ADAD00



2E2E00



# Inverse Universe

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



C3C3DC



DBDBFF



D0C3DC



63636E



0000AD

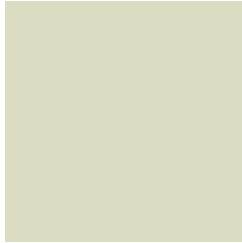


00002E



# Previews

## White Background



This preview shows how the Hex color DCDCC3 looks on a white background.

## Color Contrast Check

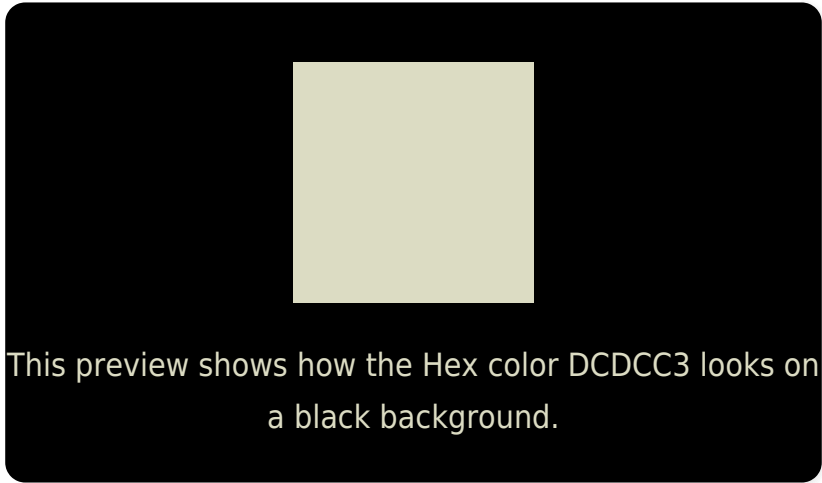
Large Text (above 18pt) WCAG AA × Fail

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

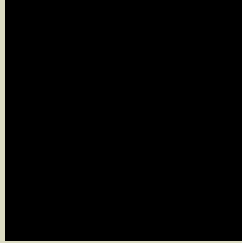
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

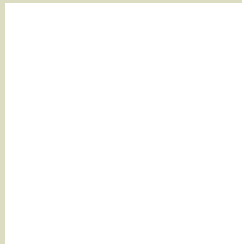
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex DCDCC3 Background



This preview shows how black text looks on a background with the Hex color DCDCC3.

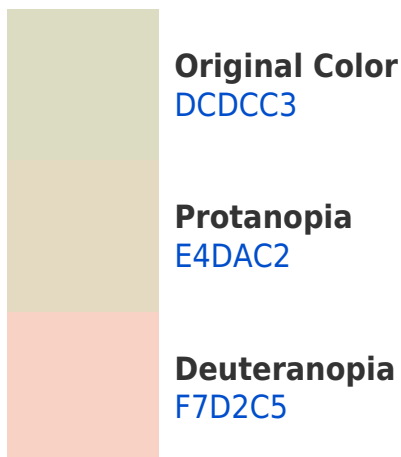


This preview shows how white text looks on a background with the Hex color DCDCC3.

# 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](#).

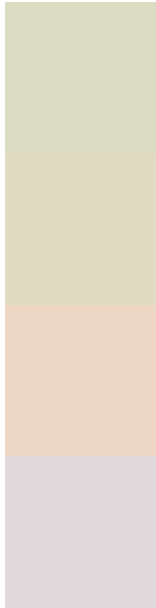
## Dichromacy





**Tritanopia**  
E1D7E8

# Trichromacy



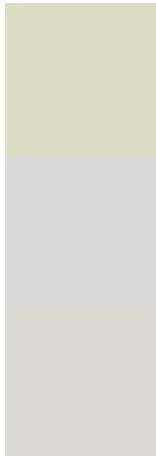
**Original Color**  
DCDCC3

**Protanomaly**  
E1DBC2

**Deuteranomaly**  
EDD6C4

**Tritanomaly**  
DFD9DB

# Monochromacy



**Original Color**  
DCDCC3

**Achromatopsia**  
D9D9D9

**Achromatomaly**  
DADAD1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DCDCC3 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 #DCDCC3 looks like.

```
.text, #text, p{  
    color:#DCDCC3  
}
```

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 #DCDCC3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DCDCC3 }  
}
```

## Border

The CSS property to change the border of an element to Hex DCDCC3 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 #DCDCC3 }  
}
```

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

```
.border{ border-color:#DCDCC3 }
```

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

Here you see how a box with a 4 pixel #DCDCC3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DCDCC3; -webkit-box-shadow:4px 4px  
4px 4px #DCDCC3; box-shadow:4px 4px 4px  
4px #DCDCC3 }
```

# Background

The CSS property to change the background color of an element to Hex DCDCC3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DCDCC3 }
```

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

```
.background{ background-color:#DCDCC3 }
```

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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