

# Converting Colors

Hex(DCD7DF)

Have a look what the booklet for  
Hex(DCD7DF) contains.

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# **Color**

**Hex(DCD7DF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DCD7DF
RGB	220, 215, 223
RGB Percent	86%, 84%, 87%
CMY	0.1373, 0.1569, 0.1255
CMYK	0.01, 0.04, 0.00, 0.13
HSL	278°, 11%, 86%
HSV	278°, 4%, 87%
XYZ	67.1349, 69.1442, 79.6198
YIQ	217.4070, 0.4120, 3.5480

# Conversions

## Conversions Part 2

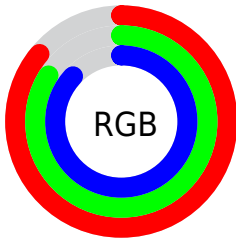
Format	Color
R <sub>Y</sub> B	220, 215, 223
Decimal	14473183
CIE Lab	86.58, 3.15, -3.33
CIE LCh	87, 4.585, 313.422
Yxy	69.1442, 0.3110, 0.3203
Android (android.graphics.Color)	4292663263 (0xFFDCD7DF)
YUV	217.4070, 2.7573, 2.2741
Hunter-Lab	83.1530, -1.4029, 1.4364

# Details

The Hex color `DCD7DF` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `DADFD7`, and the grayscale version is `D9D9D9`.

A 20% lighter version of the original color is `FFFFFF`, and `A5A0A8` is the 20% darker color. If you saturate the color by 10%, you get `D4C1DF`, and if you desaturate by 10%, it is `E4EDDF`.

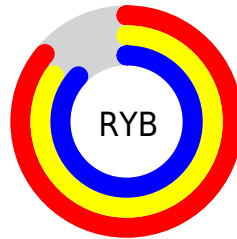
# Distribution



Red (86%)

Green (84%)

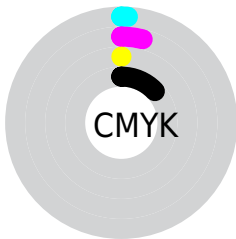
Blue (87%)



Red (86%)

Yellow (84%)

Blue (87%)

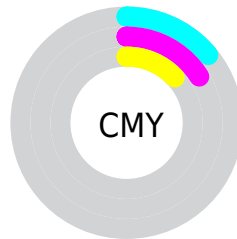


Cyan (1%)

Magenta (4%)

Yellow (0%)

Black (13%)



Cyan (14%)

Magenta (16%)

Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DCD7DF 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 DCD7DF by changing the saturation by 10% instead.



■ DCD7DF

FFFFFF

■ DCD7DF

■ C0BBC3

■ A5A0A8

■ 8B868D

■ 716D74

■ 59555B

■ 413D44

■ 2B282E

■ 171319

■ 000000

 DCD7DF

 DCD7DF

 D4C1DF

 E4EDDF

 CBAADF

 EDFFDf

 C394DF

 F5FFDF

 BB7EDF

 FDFFDf


 B268DF

 FFFFDF

 AA51DF

 A13BDF

 9925DF

 910EDF

# Harmonies

## Analogous

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



D7D8E1



DCD7DF



E0D6DB

# Triad

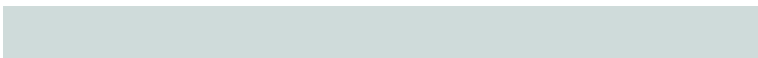
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



DCD7DF



DFD8D0



CFDBDA

# Complementary

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



DCD7DF



DADFD7

# 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.



D1DBD6



DCD7DF



DAD9D0

# Square

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



DCD7DF



E2D6D3



D5DAD2



CFDBDE

# Rectangle

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



DCD7DF



E2D6D8



D5DAD2



CFDBD9



# Sweetspot

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



DCD7DF



FEFCFF



D7DADF



7F7E80



000000



808080



# Same Dimension

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



DCD7DF



FBF5FF



DFD7DE



6E6B70



6E00B0



1E0030



# Inverse Universe

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



DFD7DA



FFF5F9



D7DFD8



706B6D



B00042

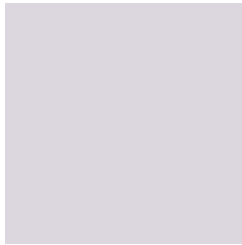


300012



# Previews

## White Background



This preview shows how the Hex color DCD7DF 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 DCD7DF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

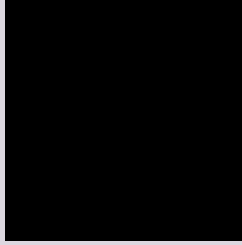
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

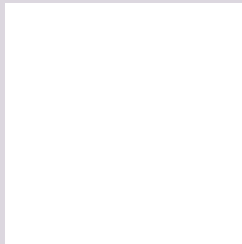
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex DCD7DF Background



This preview shows how black text looks on a background with the Hex color DCD7DF.

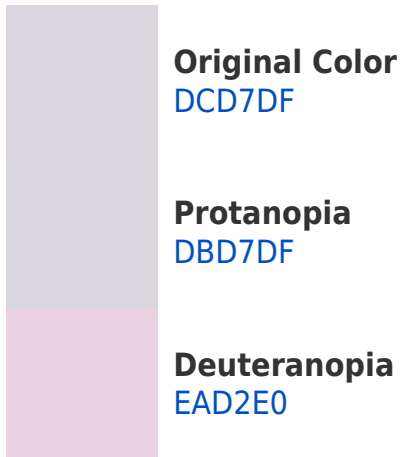


This preview shows how white text looks on a background with the Hex color DCD7DF.

# 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](#).

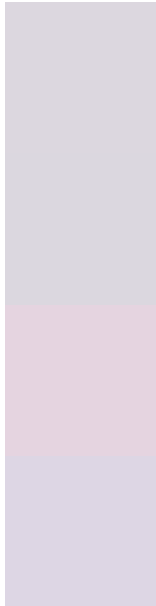
## Dichromacy





**Tritanopia**  
DDD6E7

# Trichromacy



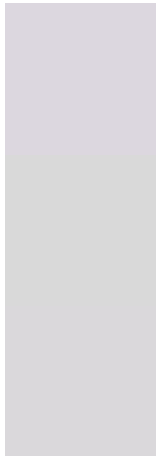
**Original Color**  
DCD7DF

**Protanomaly**  
DBD7DF

**Deuteranomaly**  
E5D4E0

**Tritanomaly**  
DDD6E4

# Monochromacy



**Original Color**  
DCD7DF

**Achromatopsia**  
D9D9D9

**Achromatomaly**  
DAD8DB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DCD7DF 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 #DCD7DF looks like.

```
.text, #text, p{  
    color:#DCD7DF  
}
```

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 #DCD7DF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DCD7DF  
}
```

## Border

The CSS property to change the border of an element to Hex DCD7DF 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  
#DCD7DF }
```

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

```
.border{ border-color:#DCD7DF }
```

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

Here you see how a box with a 4 pixel #DCD7DF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DCD7DF; -webkit-box-shadow:4px 4px  
4px 4px #DCD7DF; box-shadow:4px 4px 4px  
4px #DCD7DF }
```

# Background

The CSS property to change the background color of an element to Hex DCD7DF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DCD7DF }
```

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

```
.background{ background-color:#DCD7DF }
```

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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