

# Converting Colors

Hex(DCD3DD)

Have a look what the booklet for  
Hex(DCD3DD) contains.

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# **Color**

**Hex(DCD3DD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DCD3DD
RGB	220, 211, 221
RGB Percent	86%, 83%, 87%
CMY	0.1373, 0.1725, 0.1333
CMYK	0.00, 0.05, 0.00, 0.13
HSL	294°, 13%, 85%
HSV	294°, 5%, 87%
XYZ	65.8606, 67.0246, 77.8724
YIQ	214.8310, 2.1540, 5.0180

# Conversions

## Conversions Part 2

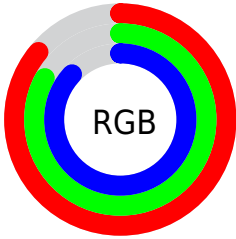
Format	Color
R <sub>Y</sub> B	220, 211, 221
Decimal	14472157
CIE Lab	85.52, 4.88, -3.83
CIE LCh	86, 6.203, 321.893
Yxy	67.0246, 0.3125, 0.3180
Android (android.graphics.Color)	4292662237 (0xFFDCD3DD)
YUV	214.8310, 3.0413, 4.5332
Hunter-Lab	81.8686, 0.3275, 0.9120

# Details

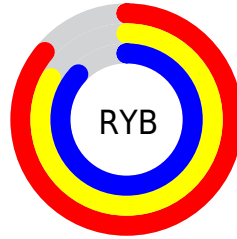
The Hex color **DCD3DD** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **D4DDD3**, and the grayscale version is **D7D7D7**.

A 20% lighter version of the original color is **FFFFFF**, and **A59DA6** is the 20% darker color. If you saturate the color by 10%, you get **DABDDD**, and if you desaturate by 10%, it is **DEE9DD**.

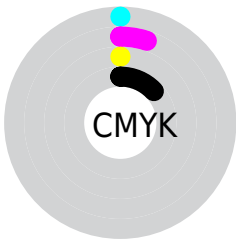
# Distribution



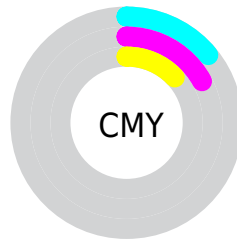
- Red (86%)
- Green (83%)
- Blue (87%)



- Red (86%)
- Yellow (83%)
- Blue (87%)



- Cyan (0%)
- Magenta (5%)
- Yellow (0%)
- Black (13%)



- Cyan (14%)
- Magenta (17%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DCD3DD 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 DCD3DD by changing the saturation by 10% instead.



 DCD3DD


FFFFFF

 DCD3DD

 C0B7C1

 A59DA6


 8B828C

 716972

 59515A

 413A42

 2B252C

 171018

 000000

 DCD3DD

 DCD3DD

 DABDDD

 DEE9DD

 D8A7DD

 E0FFDD

 D591DD

 E3FFDD

 D37BDD

 E5FFDD

 D164DD

 E7FFDD

 CF4EDD

 E9FFDD

 CD38DD

 EBFFDD

 CA22DD

 EEFFDD

 C80CDD

 F0FFDD

# Harmonies

## Analogous

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



D5D5E1



DCD3DD



E1D2D8

# Triad

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



DCD3DD



DDD5CA



C8D9DA

# Complementary

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



DCD3DD



D4DDD3

# 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.



CAD9D4



DCD3DD



D6D7CB

# Square

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



DCD3DD



E1D3CD



CFD8CE



C9D8DF

# Rectangle

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



DCD3DD



E3D2D3



CFD8CE



C8D9D8



# Sweetspot

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



DCD3DD



FFCFF



D3D4DD



7F7E80



000000



808080



# Same Dimension

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



DCD3DD



FEF2FF



DDD3D9



6D676E



9C00AD



29002E



# Inverse Universe

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



DDD3D4



FFF2F4



D3DDD7



6E6768



AD0011

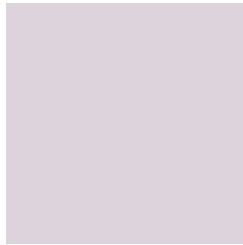


2E0005



# Previews

## White Background



This preview shows how the Hex color DCD3DD 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 DCD3DD looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

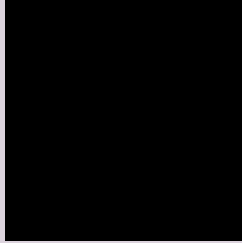
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

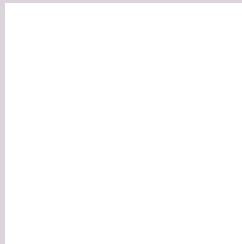
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex DCD3DD Background



This preview shows how black text looks on a background with the Hex color DCD3DD.

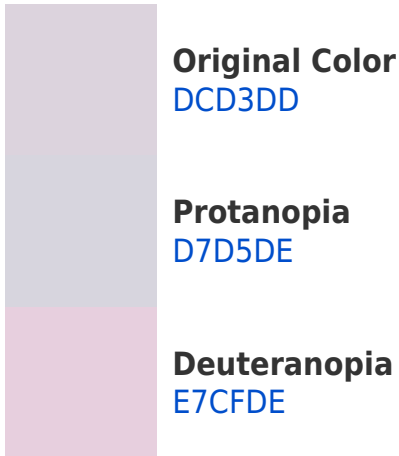


This preview shows how white text looks on a background with the Hex color DCD3DD.

# 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**  
DDD2E3

# Trichromacy



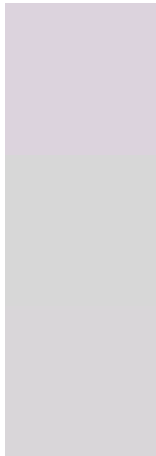
**Original Color**  
DCD3DD

**Protanomaly**  
D9D4DE

**Deuteranomaly**  
E3D0DE

**Tritanomaly**  
DDD2E1

# Monochromacy



**Original Color**  
DCD3DD

**Achromatopsia**  
D7D7D7

**Achromatomaly**  
D9D6D9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DCD3DD 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 #DCD3DD looks like.

```
.text, #text, p{  
    color:#DCD3DD  
}
```

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 #DCD3DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DCD3DD }  
}
```

## Border

The CSS property to change the border of an element to Hex DCD3DD 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 #DCD3DD }  
}
```

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

```
.border{ border-color:#DCD3DD }
```

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

Here you see how a box with a 4 pixel #DCD3DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DCD3DD; -webkit-box-shadow:4px 4px  
4px 4px #DCD3DD; box-shadow:4px 4px 4px  
4px #DCD3DD }
```

# Background

The CSS property to change the background color of an element to Hex DCD3DD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DCD3DD }
```

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

```
.background{ background-color:#DCD3DD }
```

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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