

# Converting Colors

Hex(D7DCD9)

Have a look what the booklet for  
Hex(D7DCD9) contains.

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# **Color**

**Hex(D7DCD9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D7DCD9
RGB	215, 220, 217
RGB Percent	84%, 86%, 85%
CMY	0.1569, 0.1373, 0.1490
CMYK	0.02, 0.00, 0.01, 0.14
HSL	144°, 7%, 85%
HSV	144°, 2%, 86%
XYZ	66.1419, 70.6432, 75.7951
YIQ	218.1630, -2.0170, -1.9930

# Conversions

## Conversions Part 2

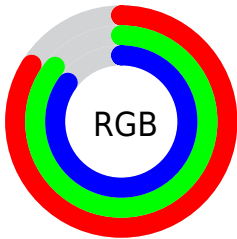
Format	Color
R <sub>Y</sub> B	215, 219, 220
Decimal	14146777
CIE Lab	87.31, -2.23, 0.87
CIE LCh	87, 2.391, 158.630
Yxy	70.6432, 0.3111, 0.3323
Android (android.graphics.Color)	4292336857 (0xFFD7DCD9)
YUV	218.1630, -0.5734, -2.7740
Hunter-Lab	84.0495, -6.6179, 5.3675

# Details

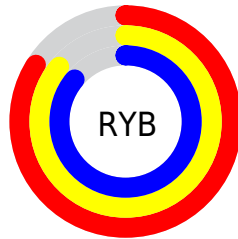
The Hex color **D7DCD9** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **DCD7DA**, and the grayscale version is **DADADA**.

A 20% lighter version of the original color is **FFFFFF**, and **A0A5A2** is the 20% darker color. If you saturate the color by 10%, you get **C1DCCC**, and if you desaturate by 10%, it is **EDDCE6**.

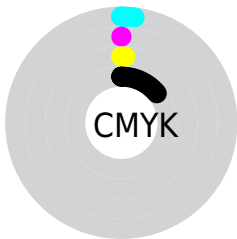
# Distribution



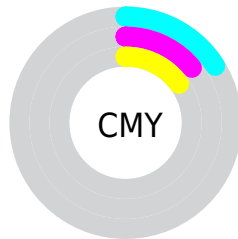
- Red (84%)
- Green (86%)
- Blue (85%)



- Red (84%)
- Yellow (86%)
- Blue (86%)



- Cyan (2%)
- Magenta (0%)
- Yellow (1%)
- Black (14%)



- Cyan (16%)
- Magenta (14%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D7DCD9 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 D7DCD9 by changing the saturation by 10% instead.



 D7DCD9

FFFFFF

 D7DCD9

 BBC0BD

 A0A5A2

 868B88

 6D716F

 555956

 3D423F

 282B29

 131715

 000000

 D7DCD9

 D7DCD9

 C1DCCC

 EDDCE6

 ABDCBF

 FFDCF3

 95DCB1

 FFDCFF

 7FDCA4

 69DC97

 53DC8A

 3DDC7D

 27DC6F

 11DC62

# Harmonies

## Analogous

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



D9DBD7



D7DCD9



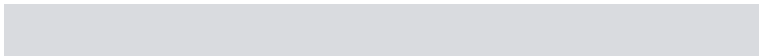
D6DCDB

# Triad

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



D7DCD9



D9DBDF



E0D9D8

# Complementary

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



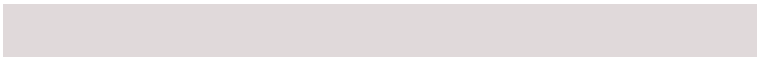
D7DCD9



DCD7DA

# 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.



E0D9DA



D7DCD9



DCDADE

# Square

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



D7DCD9



D7DBDF



DED9DC



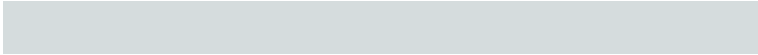
DEAD7

# Rectangle

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



D7DCD9



D5DCDD



DED9DC



E0D9D9



# Sweetspot

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



D7DCD9



FCFFFD



DADCD7



7E807F



000000



808080



# Same Dimension

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



D7DCD9



F7FFFA



D7DCDB



696E6B



00AD45



002E12



# Inverse Universe

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



DCD7DA



FFF7FC



DCD7D8



6E696C



AD0068

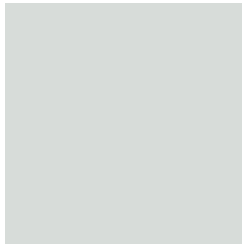


2E001C



# Previews

## White Background



This preview shows how the Hex color D7DCD9 looks on a white background.

## Color Contrast Check

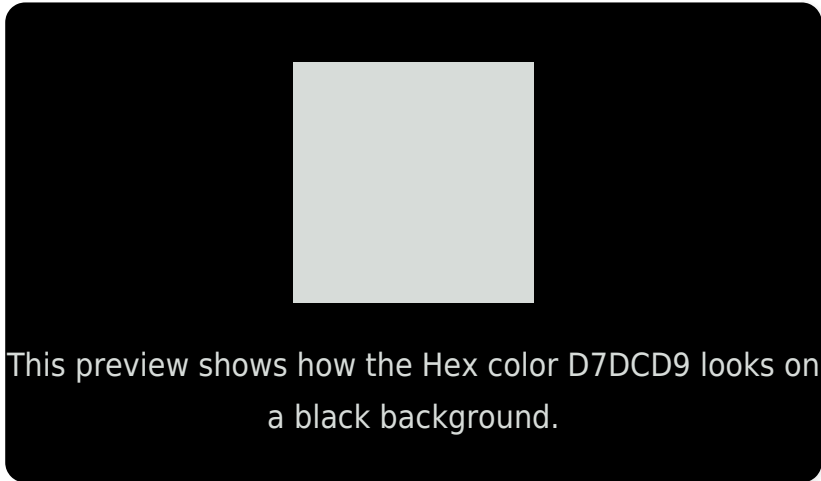
Large Text (above 18pt) WCAG AA × Fail

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

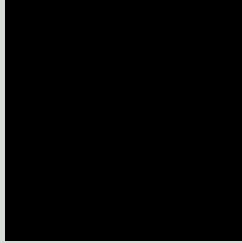
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

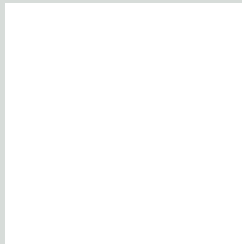
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D7DCD9 Background



This preview shows how black text looks on a background with the Hex color D7DCD9.

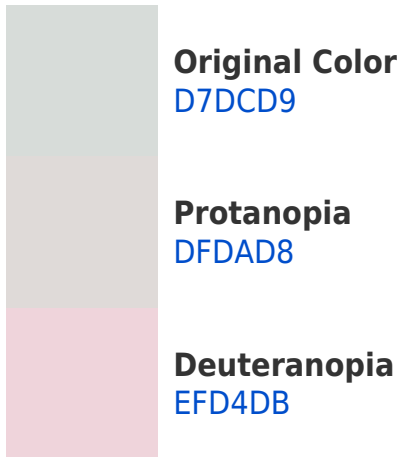


This preview shows how white text looks on a background with the Hex color D7DCD9.

# 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**  
DAD9EA

# Trichromacy



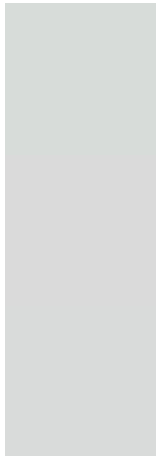
**Original Color**  
D7DCD9

**Protanomaly**  
DCDBD8

**Deuteranomaly**  
E6D7DA

**Tritanomaly**  
D9DAE4

# Monochromacy



**Original Color**  
D7DCD9

**Achromatopsia**  
DADADA

**Achromatomaly**  
D9DBDA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D7DCD9 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 #D7DCD9 looks like.

```
.text, #text, p{  
    color:#D7DCD9  
}
```

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 #D7DCD9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D7DCD9
}
```

## Border

The CSS property to change the border of an element to Hex D7DCD9 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
#D7DCD9 }
```

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

```
.border{ border-color:#D7DCD9 }
```

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

Here you see how a box with a 4 pixel #D7DCD9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D7DCD9; -webkit-box-shadow:4px 4px  
4px 4px #D7DCD9; box-shadow:4px 4px 4px  
4px #D7DCD9 }
```

# Background

The CSS property to change the background color of an element to Hex D7DCD9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D7DCD9 }
```

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

```
.background{ background-color:#D7DCD9 }
```

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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