

# Converting Colors

Hex(D7DEDA)

Have a look what the booklet for  
Hex(D7DEDA) contains.

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# **Color**

**Hex(D7DEDA)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | D7DEDA                     |
| RGB         | 215, 222, 218              |
| RGB Percent | 84%, 87%, 85%              |
| CMY         | 0.1569, 0.1294, 0.1451     |
| CMYK        | 0.03, 0.00, 0.02, 0.13     |
| HSL         | 146°, 10%, 86%             |
| HSV         | 146°, 3%, 87%              |
| XYZ         | 66.8005, 71.7516, 76.6583  |
| YIQ         | 219.4510, -2.8880, -2.7280 |

# Conversions

## Conversions Part 2

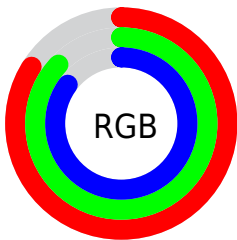
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 215, 220, 222                 |
| Decimal                             | 14147290                      |
| CIE Lab                             | 87.85, -3.08, 1.13            |
| CIE LCh                             | 88, 3.278, 159.878            |
| Yxy                                 | 71.7516, 0.3104,<br>0.3334    |
| Android<br>(android.graphics.Color) | 4292337370<br>(0xFFD7DEDA)    |
| YUV                                 | 219.4510, -0.7153,<br>-3.9035 |
| Hunter-Lab                          | 84.7063, -7.4686,<br>5.6376   |

# Details

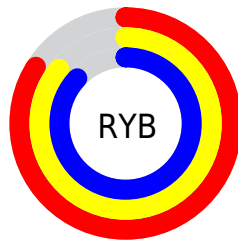
The Hex color **D7DEDA** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **DED7DB**, and the grayscale version is **DBDBDB**.

A 20% lighter version of the original color is **FFFFFF**, and **A0A7A3** is the 20% darker color. If you saturate the color by 10%, you get **C1DECD**, and if you desaturate by 10%, it is **EDDEE7**.

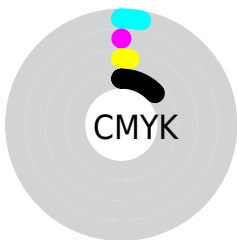
# Distribution



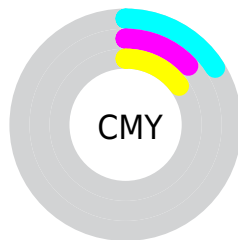
- Red (84%)
- Green (87%)
- Blue (85%)



- Red (84%)
- Yellow (86%)
- Blue (87%)



- Cyan (3%)
- Magenta (0%)
- Yellow (2%)
- Black (13%)



- Cyan (16%)
- Magenta (13%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D7DEDA 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 D7DEDA by changing the saturation by 10% instead.



 D7DEDA

FFFFFF

 D7DEDA

 BBC2BE

 A0A7A3

 868D89

 6D7370

 555B57

 3D4340

 282D2A

 131816

 000000

 D7DEDA

 D7DEDA

 C1DECD

 EDDEE7

 ABDEC1

 FFDEF3

 94DEB4

 FFDEFF

 7EDEA7

 68DE9B

 52DE8E

 3CDE81

 25DE75

 0FDE68

# Harmonies

## Analogous

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



DADDD7



D7DEDA



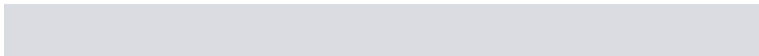
D5DEDD

# Triad

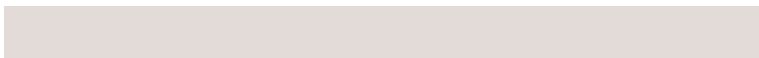
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



D7DEDA



DADCE2



E3DBD8

# Complementary

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



D7DEDA



DED7DB

# 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.



E3DADB



D7DEDA



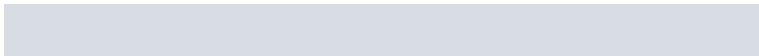
DEDBE1

# Square

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



D7DEDA



D7DDE2



E1DADE



E1DBD6

# Rectangle

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



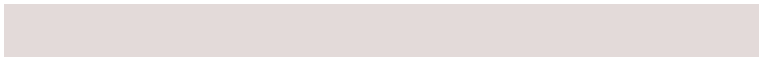
D7DEDA



D5DEDF



E1DADE



E3DAD9



# Sweetspot

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



D7DEDA



FCFFFE



DBDED7



7E807F



000000



808080



# Same Dimension

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



D7DEDA



F5FFF9



D7DEDD



6B706D



00B04B



003015



# Inverse Universe

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



DED7DB



FFF5FB



DED7D8



706B6E



B00065

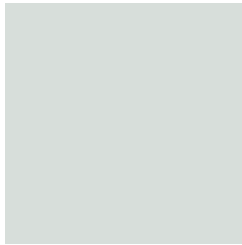


30001C



# Previews

## White Background



This preview shows how the Hex color D7DEDA looks on a white background.

## Color Contrast Check

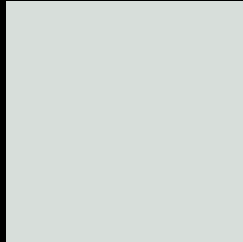
Large Text (above 18pt) WCAG AA × Fail

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 D7DEDA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

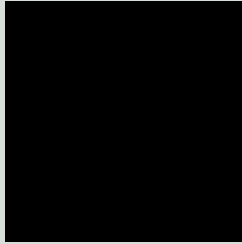
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

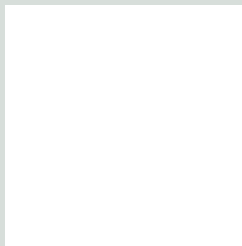
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D7DEDA Background



This preview shows how black text looks on a background with the Hex color D7DEDA.

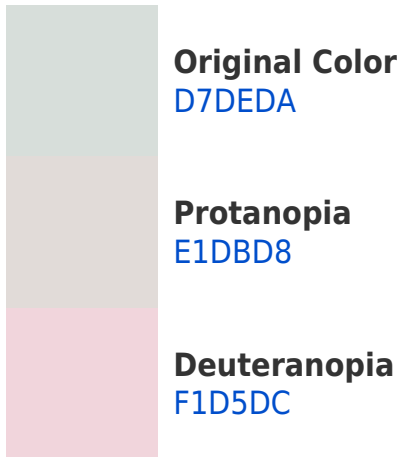


This preview shows how white text looks on a background with the Hex color D7DEDA.

# 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**  
DADBED

# Trichromacy



**Original Color**

D7DEDA

**Protanomaly**

DDCD9

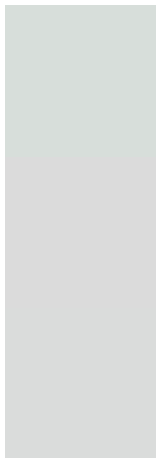
**Deuteranomaly**

E8D8DB

**Tritanomaly**

D9DCE6

# Monochromacy



**Original Color**

D7DEDA

**Achromatopsia**

DBDBDB

**Achromatomaly**

DADCDB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D7DEDA 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 #D7DEDA looks like.

```
.text, #text, p{  
    color:#D7DEDA  
}
```

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 #D7DEDA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D7DEDA
}
```

## Border

The CSS property to change the border of an element to Hex D7DEDA 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
#D7DEDA }
```

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

```
.border{ border-color:#D7DEDA }
```

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

Here you see how a box with a 4 pixel #D7DEDA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D7DEDA; -webkit-box-shadow:4px 4px  
4px 4px #D7DEDA; box-shadow:4px 4px 4px  
4px #D7DEDA }
```

# Background

The CSS property to change the background color of an element to Hex D7DEDA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D7DEDA }
```

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

```
.background{ background-color:#D7DEDA }
```

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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