

# Converting Colors

Hex(DED9DD)

Have a look what the booklet for  
Hex(DED9DD) contains.

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# **Color**

**Hex(DED9DD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DED9DD
RGB	222, 217, 221
RGB Percent	87%, 85%, 87%
CMY	0.1294, 0.1490, 0.1333
CMYK	0.00, 0.02, 0.00, 0.13
HSL	312°, 7%, 86%
HSV	312°, 2%, 87%
XYZ	67.9882, 70.3758, 78.4071
YIQ	218.9510, 1.6960, 2.3040

# Conversions

## Conversions Part 2

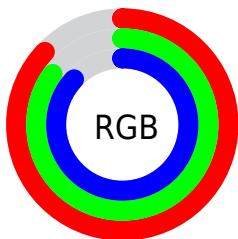
Format	Color
R <sub>Y</sub> B	222, 217, 221
Decimal	14604765
CIE Lab	87.18, 2.42, -1.37
CIE LCh	87, 2.780, 330.548
Yxy	70.3758, 0.3136, 0.3247
Android (android.graphics.Color)	4292794845 (0xFFDED9DD)
YUV	218.9510, 1.0102, 2.6740
Hunter-Lab	83.8903, -2.1440, 3.3084

# Details

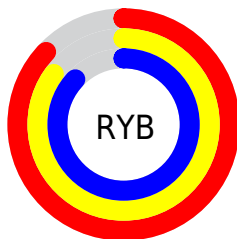
The Hex color **DED9DD** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **D9DEDA**, and the grayscale version is **DBDBDB**.

A 20% lighter version of the original color is **FFFFFF**, and **A7A2A6** is the 20% darker color. If you saturate the color by 10%, you get **DEC3D9**, and if you desaturate by 10%, it is **DEEFE1**.

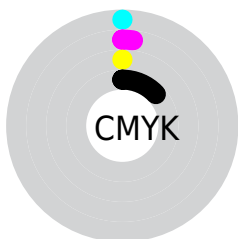
# Distribution



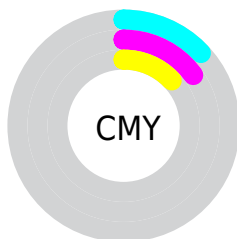
- Red (87%)
- Green (85%)
- Blue (87%)



- Red (87%)
- Yellow (85%)
- Blue (87%)



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



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

# Brightness & Saturation Gradients

These gradients show how the Hex color DED9DD 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 DED9DD by changing the saturation by 10% instead.



■ DED9DD

FFFFFF

■ DED9DD

■ C2BDC1

■ A7A2A6

■ 8D888C

■ 736F72

■ 5B565A

■ 433F42

■ 2D292C

■ 181518

■ 000000

 DED9DD

 DED9DD

 DEC3D9

 DEEFE1

 DEADD4

 DEFFE6

 DE96D0

 DEFFEA

 DE80CB

 DEFFEF

 DE6AC7

 DEFFF3

 DE54C2

 DEFFF8

 DE3EBE

 DEFFFC

 DE27B9

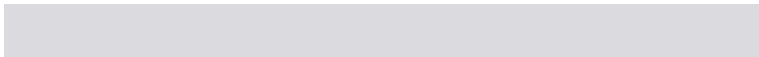
 DEFFFF

 DE11B5

# Harmonies

## Analogous

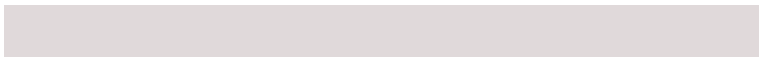
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



DBDADF



DED9DD



E0D9DA

# Triad

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



DED9DD



DDDAD5



D4DCDD

# Complementary

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



DED9DD



D9DEDA

# 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.



D5DCDA



DED9DD



DADBD6

# Square

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



DED9DD



DFD9D6



D7DCD8



D5DBDF

# Rectangle

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



DED9DD



E0D9D9



D7DCD8



D4DCDC



# Sweetspot

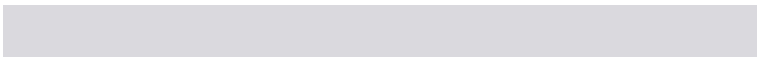
The Sweet Spot groups the original color and five complimentary colors.



DED9DD



FFFCFE



DAD9DE



807E7F



000000



808080



# Same Dimension

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



DED9DD



FFF7FD



DED9DB



706C6F



B0008D



300027



# Inverse Universe

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



DED9DD



FFF7FD



D9DEDC



706C6F



B0008D

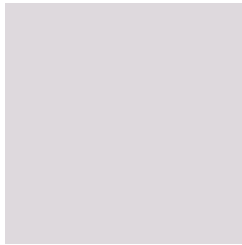


300027



# Previews

## White Background



This preview shows how the Hex color DED9DD looks on a white background.

## Color Contrast Check

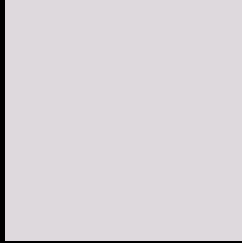
Large Text (above 18pt) WCAG AA × Fail

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 DED9DD looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

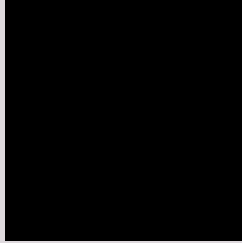
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

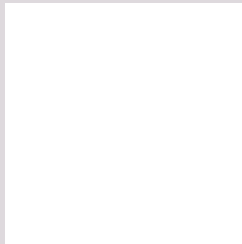
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex DED9DD Background



This preview shows how black text looks on a background with the Hex color DED9DD.



This preview shows how white text looks on a background with the Hex color DED9DD.

# 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**  
E0D7E8

# Trichromacy



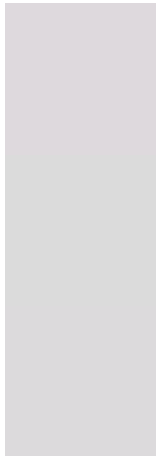
**Original Color**  
DED9DD

**Protanomaly**  
DDD9DD

**Deuteranomaly**  
E8D6DE

**Tritanomaly**  
DFD8E4

# Monochromacy



**Original Color**  
DED9DD

**Achromatopsia**  
DBDBDB

**Achromatomaly**  
DCDADC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DED9DD 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 #DED9DD looks like.

```
.text, #text, p{  
    color:#DED9DD  
}
```

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 #DED9DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DED9DD }
}
```

## Border

The CSS property to change the border of an element to Hex DED9DD 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 #DED9DD }
}
```

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

```
.border{ border-color:#DED9DD }
```

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

Here you see how a box with a 4 pixel #DED9DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DED9DD; -webkit-box-shadow:4px 4px  
4px 4px #DED9DD; box-shadow:4px 4px 4px  
4px #DED9DD }
```

# Background

The CSS property to change the background color of an element to Hex DED9DD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DED9DD }
```

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

```
.background{ background-color:#DED9DD }
```

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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