

# Converting Colors

Hex(DEDED7)

Have a look what the booklet for  
Hex(DEDED7) contains.

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# **Color**

**Hex(DEDED7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DEDED7
RGB	222, 222, 215
RGB Percent	87%, 87%, 84%
CMY	0.1294, 0.1294, 0.1569
CMYK	0.00, 0.00, 0.03, 0.13
HSL	60°, 10%, 86%
HSV	60°, 3%, 87%
XYZ	68.5112, 72.6784, 74.7074
YIQ	221.2020, 2.2470, -2.1770

# Conversions

## Conversions Part 2

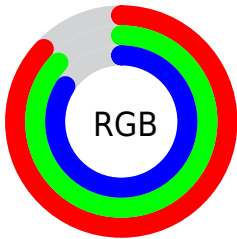
Format	Color
R <sub>Y</sub> B	215, 222, 215
Decimal	14606039
CIE Lab	88.29, -1.23, 3.42
CIE LCh	88, 3.634, 109.857
Yxy	72.6784, 0.3173, 0.3366
Android (android.graphics.Color)	4292796119 (0xFFDEDED7)
YUV	221.2020, -3.0576, 0.6998
Hunter-Lab	85.2517, -5.7415, 7.7194

# Details

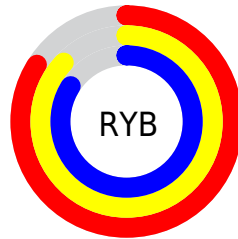
The Hex color **DEDED7** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **D7D7DE**, and the grayscale version is **DDDDDD**.

A 20% lighter version of the original color is **FFFFFF**, and **A7A7A0** is the 20% darker color. If you saturate the color by 10%, you get **DEDEC1**, and if you desaturate by 10%, it is **DEDEED**.

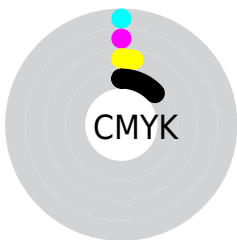
# Distribution



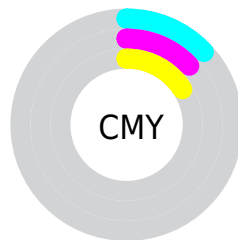
- Red (87%)
- Green (87%)
- Blue (84%)



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



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



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

# Brightness & Saturation Gradients

These gradients show how the Hex color DEDED7 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 DEDED7 by changing the saturation by 10% instead.



■ DEDED7

FFFFFF

■ DEDED7

■ C2C2BB

■ A7A7A0

■ 8D8D86

■ 73736D

■ 5B5B55

■ 43433D

■ 2D2D28

■ 181813

■ 000000

 DEDED7

 DEDED7

 DEDEC1

 DEDEED

 DEDEAB

 DEDEFF

 DEDE94

 DEDE7E

 DEDE68

 DEDE52

 DEDE3C

 DEDE25

 DEDE0F

# Harmonies

## Analogous

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



E2DDD7



DEDED7



DADFD9

# Triad

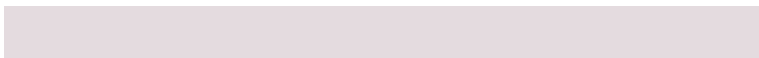
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



DEDED7



D6DFE3



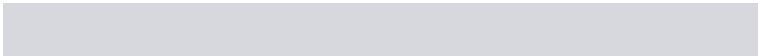
E4DBDF

# Complementary

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



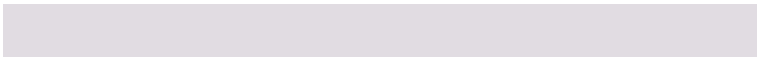
DEDED7



D7D7DE

# Split Complementary

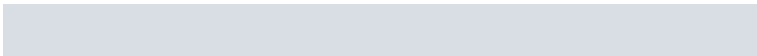
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



E1DCE2



DEDED7



D9DEE4

# Square

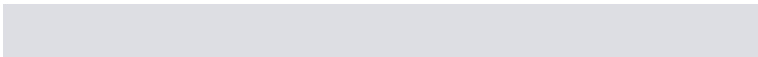
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



DEDED7



D5E0E0



DDDDE4



E5DBDB

# Rectangle

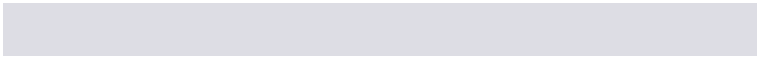
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



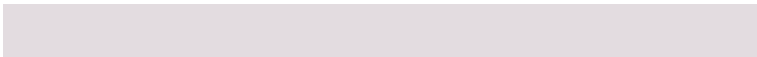
DEDED7



D8DFDB



DDDDE4



E3DCE0



# Sweetspot

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



DEDED7



FFFFFC



DED7D7



80807E



000000



808080



# Same Dimension

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



DEDED7



FFFFF5



DBDED7



70706B



B0B000

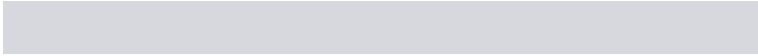


303000



# Inverse Universe

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



D7D7DE



F5F5FF



DBD7DE



6B6B70



0000B0

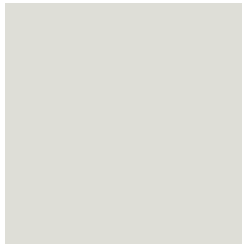


000030



# Previews

## White Background



This preview shows how the Hex color DEDED7 looks on a white background.

## Color Contrast Check

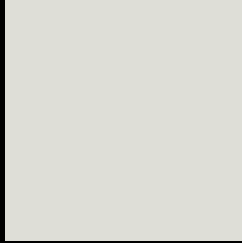
Large Text (above 18pt) WCAG AA × Fail

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 DEDED7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

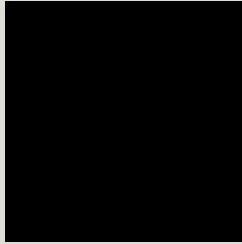
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

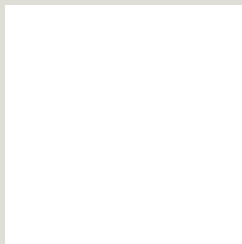
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex DEDED7 Background



This preview shows how black text looks on a background with the Hex color DEDED7.

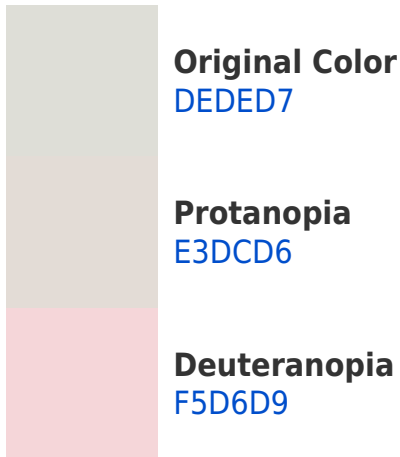


This preview shows how white text looks on a background with the Hex color DEDED7.

# 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





# Trichromacy



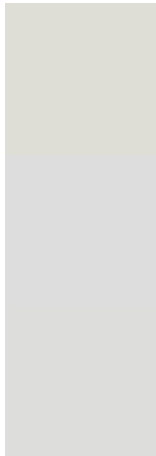
**Original Color**  
DEDED7

**Protanomaly**  
E1DDD6

**Deuteranomaly**  
EDD9D8

**Tritanomaly**  
E0DCE4

# Monochromacy



**Original Color**  
DEDED7

**Achromatopsia**  
DDDDDD

**Achromatomaly**  
DDDDDB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DEDED7 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 #DEDED7 looks like.

```
.text, #text, p{  
    color:#DEDED7  
}
```

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 #DEDED7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DEDED7
}
```

## Border

The CSS property to change the border of an element to Hex DEDED7 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
#DEDED7 }
```

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

```
.border{ border-color:#DEDED7 }
```

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

Here you see how a box with a 4 pixel `#DEDED7` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DEDED7; -webkit-box-shadow:4px 4px  
4px 4px #DEDED7; box-shadow:4px 4px 4px  
4px #DEDED7 }
```

# Background

The CSS property to change the background color of an element to Hex DEDED7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DEDED7 }
```

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

```
.background{ background-color:#DEDED7 }
```

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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