

# Converting Colors

Hex(DEECED)

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

<b>Hex(DEECED)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(DEECED)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DEECED
RGB	222, 236, 237
RGB Percent	87%, 93%, 93%
CMY	0.1294, 0.0745, 0.0706
CMYK	0.06, 0.00, 0.00, 0.07
HSL	184°, 29%, 90%
HSV	184°, 6%, 93%
XYZ	75.4057, 81.6349, 91.9036
YIQ	231.9280, -8.6650, -2.6570

# Conversions

## Conversions Part 2

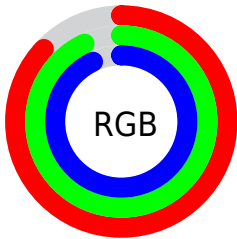
Format	Color
R <sub>Y</sub> B	222, 229, 237
Decimal	14609645
CIE Lab	92.41, -4.43, -2.09
CIE LCh	92, 4.899, 205.272
Yxy	81.6349, 0.3029, 0.3279
Android (android.graphics.Color)	4292799725 (0xFFDEECD)
YUV	231.9280, 2.5005, -8.7069
Hunter-Lab	90.3520, -9.1441, 2.9383

# Details

The Hex color **DEECED** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **EDDFDE**, and the grayscale version is **E8E8E8**.

A 20% lighter version of the original color is **FFFFFF**, and **A7B4B5** is the 20% darker color. If you saturate the color by 10%, you get **C6EAED**, and if you desaturate by 10%, it is **F6EEED**.

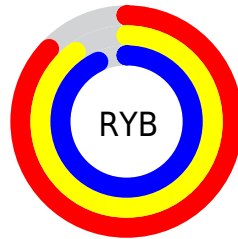
# Distribution



Red (87%)

Green (93%)

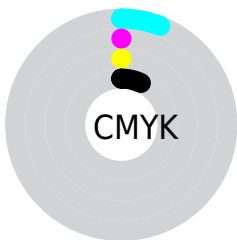
Blue (93%)



Red (87%)

Yellow (90%)

Blue (93%)

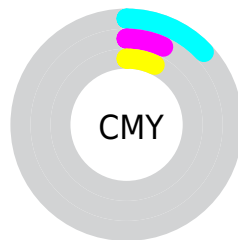


Cyan (6%)

Magenta (0%)

Yellow (0%)

Black (7%)



Cyan (13%)

Magenta (7%)

Yellow (7%)

# Brightness & Saturation Gradients

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



■ DEECED

FFFFFF

■ DEECED

■ C2D0D1

■ A7B4B5

■ 8C999A

■ 738080

■ 5A6667

■ 434E4F

■ 2C3839

■ 182223

■ 000C0D

 DEECED

 DEECED

 C6EAED

 F6EEED

 AFE9ED

 FFEFED

 97E7ED

 FFF1ED

 7FE6ED

 FFF2ED

 67E4ED

 FFF4ED

 50E3ED

 FFF5ED

 38E1ED

 FFF7ED

 20DFED

 FFF9ED

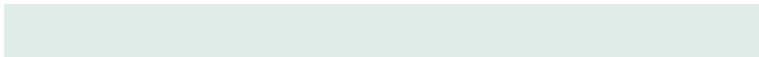
 09DEED

 FFFAED

# Harmonies

## Analogous

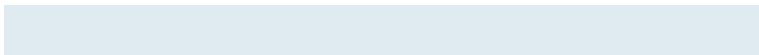
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



DFECE8



DEECD



E0EBF1

# Triad

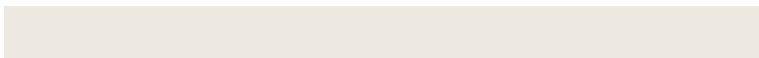
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



DEECED



EFE7EF



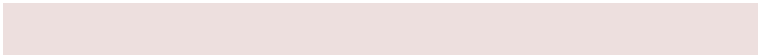
EEE9E0

# Complementary

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



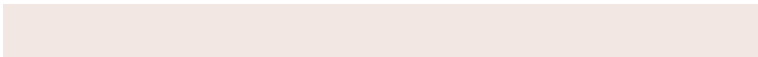
DEECED



EDDFDE

# Split Complementary

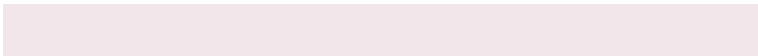
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



F2E7E2



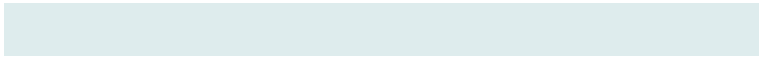
DEECED



F3E6EA

# Square

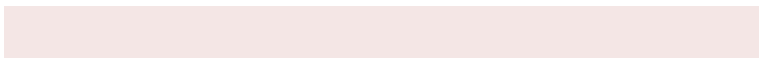
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



DEECED



E9E8F2



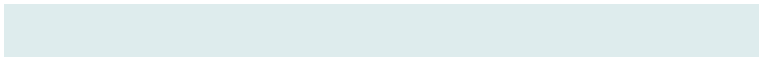
F4E6E5



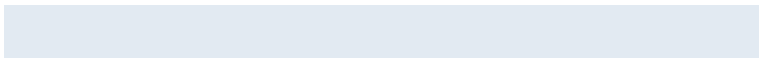
E9EAE1

# Rectangle

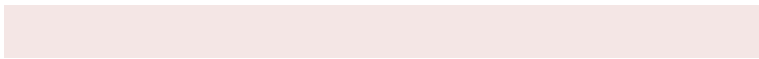
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DEECD



E2EAF2



F4E6E5



F0E8E0



# Sweetspot

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



DEECED



FAFFFF



DEEDDF



7D7F80



000000



808080

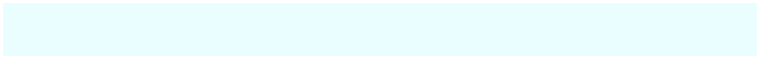


# Same Dimension

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



DEECED



EBFEFF



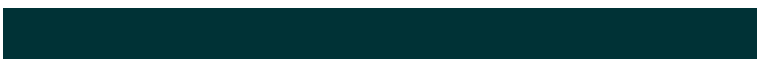
DEE4ED



6A7575



00A9B5



003236



# Inverse Universe

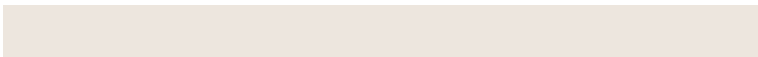
The Inverse Universe completely reimagines the original color for something new.



EDDEEC



FFEBFE



EDE6DE



756A75



B500A9

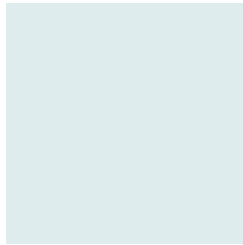


360032



# Previews

## White Background



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

## Color Contrast Check

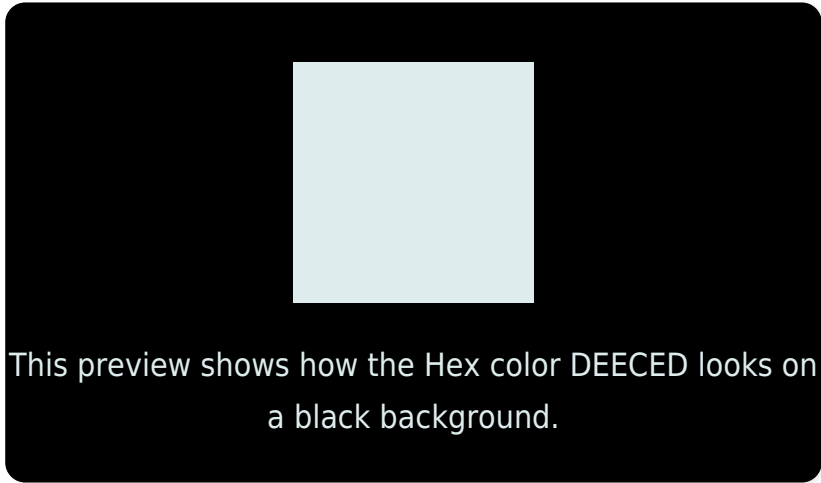
Large Text (above 18pt) WCAG AA × Fail

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

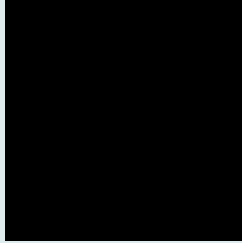
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

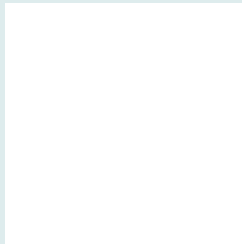
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex DEECED Background



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

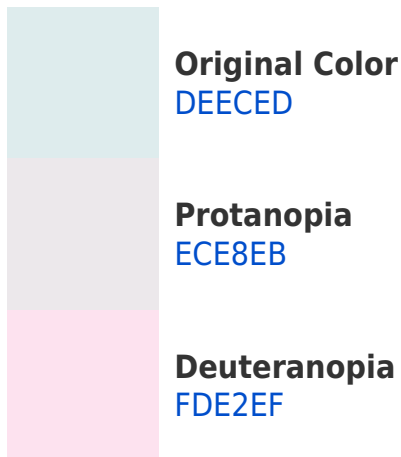


This preview shows how white text looks on a background with the Hex color DEECED.

# Color Blindness Simulation

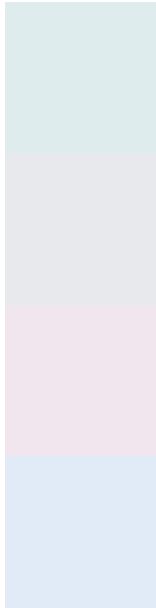
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



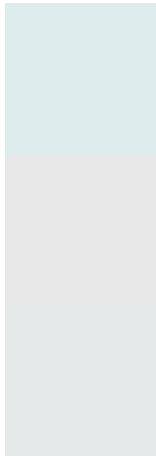
**Original Color**  
DEECED

**Protanomaly**  
E7E9EC

**Deuteranomaly**  
F2E6EE

**Tritanomaly**  
E0EBF7

# Monochromacy



**Original Color**  
DEECED

**Achromatopsia**  
E8E8E8

**Achromatomaly**  
E4E9EA

# CSS Examples

## Text

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

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

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 #DEECED colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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