

# Converting Colors

Hex(E3DEE3)

Have a look what the booklet for  
Hex(E3DEE3) contains.

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# **Color**

**Hex(E3DEE3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E3DEE3
RGB	227, 222, 227
RGB Percent	89%, 87%, 89%
CMY	0.1098, 0.1294, 0.1098
CMYK	0.00, 0.02, 0.00, 0.11
HSL	300°, 8%, 88%
HSV	300°, 2%, 89%
XYZ	71.6650, 74.1195, 83.2024
YIQ	224.0650, 1.3750, 2.6150

# Conversions

## Conversions Part 2

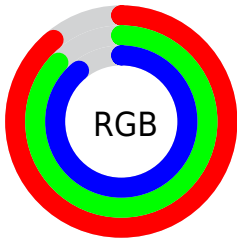
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	227, 222, 227
Decimal	14933731
CIE Lab	88.98, 2.59, -1.85
CIE LCh	89, 3.182, 324.474
Yxy	74.1195, 0.3130, 0.3237
Android (android.graphics.Color)	4293123811 (0xFFE3DDE3)
YUV	224.0650, 1.4470, 2.5740
Hunter-Lab	86.0927, -2.0759, 2.9654

# Details

The Hex color **E3DEE3** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **DEE3DE**, and the grayscale version is **E0E0E0**.

A 20% lighter version of the original color is **FFFFFF**, and **ACA7AC** is the 20% darker color. If you saturate the color by 10%, you get **E3C7E3**, and if you desaturate by 10%, it is **E3F5E3**.

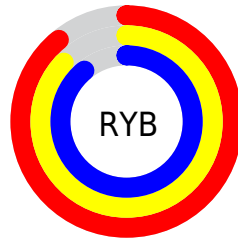
# Distribution



Red (89%)

Green (87%)

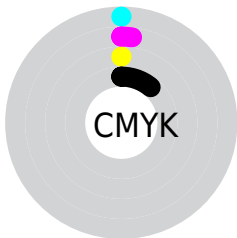
Blue (89%)



Red (89%)

Yellow (87%)

Blue (89%)

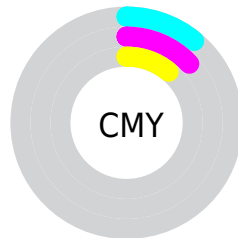


Cyan (0%)

Magenta (2%)

Yellow (0%)

Black (11%)



Cyan (11%)

Magenta (13%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E3DEE3 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 E3DEE3 by changing the saturation by 10% instead.



■ E3DEE3

FFFFFF

■ E3DEE3

■ C7C2C7

■ ACA7AC

■ 918D91

■ 777378

■ 5F5B5F

■ 474347

■ 312D31

■ 1C181C

■ 000000

 E3DEE3

 E3DEE3

 E3C7E3

 E3F5E3

 E3B1E3

 E3FFE3

 E39AE3

 E383E3

 E36DE3

 E356E3

 E33FE3

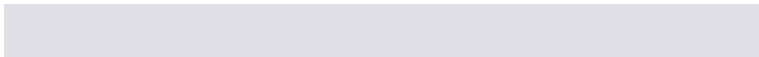
 E328E3

 E312E3

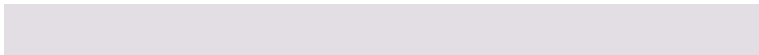
# Harmonies

## Analogous

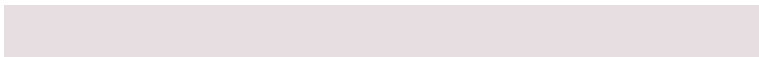
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



DFDFE5



E3DEE3



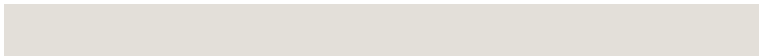
E6DEE0

# Triad

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



E3DEE3



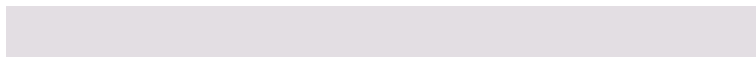
E3DFD9



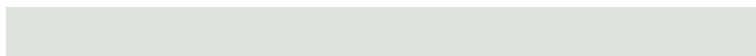
D8E1E2

# Complementary

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



E3DEE3



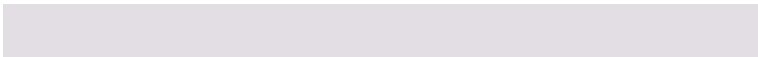
DEE3DE

# 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.



D9E1DF



E3DEE3



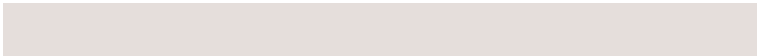
DFE0DA

# Square

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



E3DEE3



E5DEDB



DCE1DC



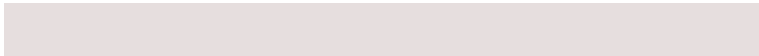
D9E1E4

# Rectangle

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



E3DEE3



E6DEDE



DCE1DC



D8E1E1



# Sweetspot

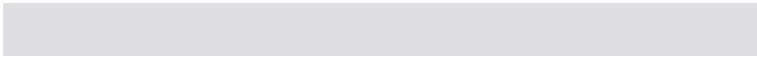
The Sweet Spot groups the original color and five complimentary colors.



E3DEE3



FFFCFF



DEDEE3



807E80



000000



808080



# Same Dimension

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



E3DEE3



FFF7FF



E3DEE1



736E73



B300B3



330033

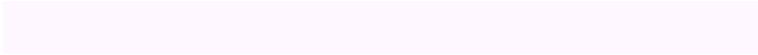


# Inverse Universe

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



E3DEE3



FFF7FF



DEE3E1



736E73



B300B3

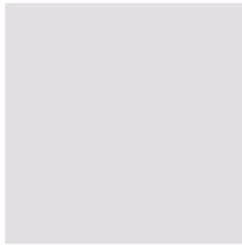


330033



# Previews

## White Background



This preview shows how the Hex color E3DEE3 looks on a white background.

## Color Contrast Check

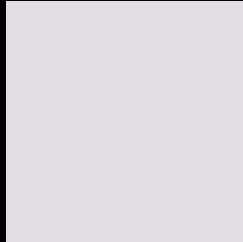
Large Text (above 18pt) WCAG AA × Fail

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 E3DEE3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

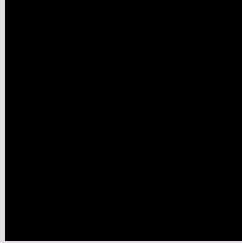
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

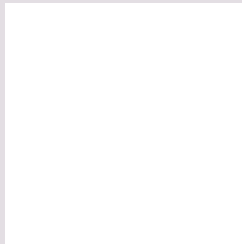
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E3DEE3 Background



This preview shows how black text looks on a background with the Hex color E3DEE3.



This preview shows how white text looks on a background with the Hex color E3DEE3.

# Color Blindness Simulation

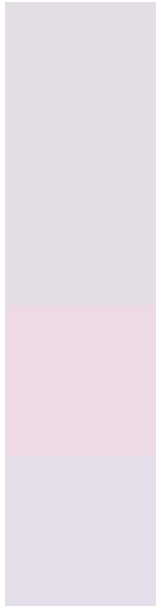
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



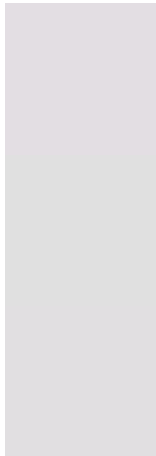
**Original Color**  
E3DEE3

**Protanomaly**  
E2DEE3

**Deuteranomaly**  
EDDAE4

**Tritanomaly**  
E4DDEA

# Monochromacy



**Original Color**  
E3DEE3

**Achromatopsia**  
E0E0E0

**Achromatomaly**  
E1DFE1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E3DEE3 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 #E3DEE3 looks like.

```
.text, #text, p{  
    color:#E3DEE3  
}
```

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 #E3DEE3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E3DEE3
}
```

## Border

The CSS property to change the border of an element to Hex E3DEE3 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
#E3DEE3 }
```

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

```
.border{ border-color:#E3DEE3 }
```

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

Here you see how a box with a 4 pixel #E3DEE3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E3DEE3; -webkit-box-shadow:4px 4px  
4px 4px #E3DEE3; box-shadow:4px 4px 4px  
4px #E3DEE3 }
```

# Background

The CSS property to change the background color of an element to Hex E3DEE3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E3DEE3 }
```

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

```
.background{ background-color:#E3DEE3 }
```

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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