

# Converting Colors

Hex(E3DBEB)

Have a look what the booklet for  
Hex(E3DBEB) contains.

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# **Color**

**Hex(E3DBEB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E3DBEB
RGB	227, 219, 235
RGB Percent	89%, 86%, 92%
CMY	0.1098, 0.1412, 0.0784
CMYK	0.03, 0.07, 0.00, 0.08
HSL	270°, 29%, 89%
HSV	270°, 7%, 92%
XYZ	72.0055, 72.9921, 88.8910
YIQ	223.2160, -0.3680, 6.6720

# Conversions

## Conversions Part 2

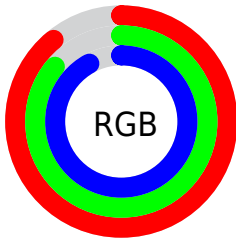
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	227, 219, 235
Decimal	14932971
CIE <sub>Lab</sub>	88.44, 5.62, -6.85
CIE <sub>LCh</sub>	88, 8.855, 309.356
Yxy	72.9921, 0.3079, 0.3121
Android (android.graphics.Color)	4293123051 (0xFFE3DBEB)
YUV	223.2160, 5.8095, 3.3186
Hunter-Lab	85.4354, 0.9289, -1.8833

# Details

The Hex color **E3DBEB** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **E3EBDB**, and the grayscale version is **DFDFDF**.

A 20% lighter version of the original color is **FFFFFF**, and **ACA4B3** is the 20% darker color. If you saturate the color by 10%, you get **D7C3EB**, and if you desaturate by 10%, it is **EFF3EB**.

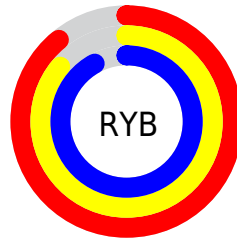
# Distribution



Red (89%)

Green (86%)

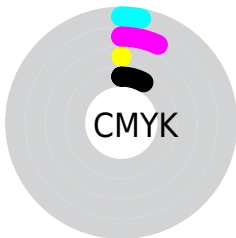
Blue (92%)



Red (89%)

Yellow (86%)

Blue (92%)

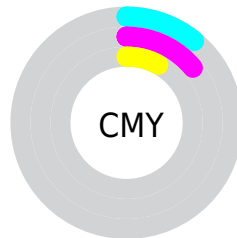


Cyan (3%)

Magenta (7%)

Yellow (0%)

Black (8%)



Cyan (11%)

Magenta (14%)

Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E3DBEB 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 E3DBEB by changing the saturation by 10% instead.



 E3DBEB

FFFFFF

 E3DBEB

 C7BFCE

 ACA4B3

 918A99

 77707F

 5F5866

 47414E

 312B37

 1C1621

 00000A

 E3DBEB

 E3DBEB

 D7C3EB

 EFF3EB

 CBACEB

 FBFFEB


 C094EB

 FFFFEB

 B47DEB

 A866EB

 9C4EEB

 9136EB

 851FEB

 7907EB

# Harmonies

## Analogous

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



D9DEEE



E3DBEB



ECD9E4

# Triad

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



E3DBEB



EBDBCE



CAE3E0

# Complementary

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



E3DBEB



E3EBDB

# Split Complementary

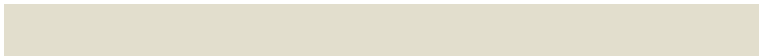
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



D0E3D8



E3DBEB



E2DECD

# Square

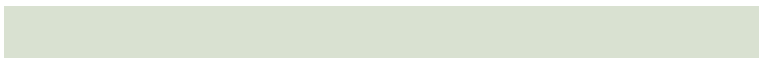
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



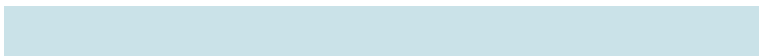
E3DBEB



F0D9D4



D9E1D1



CAE2E8

# Rectangle

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



E3DBEB



EFD8DE



D9E1D1



CCE3DD

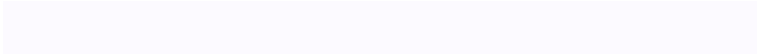


# Sweetspot

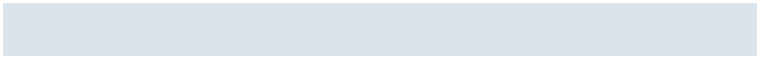
The Sweet Spot groups the original color and five complimentary colors.



E3DBEB



FCFAFF



DBE3EB



7E7D80



000000



808080



# Same Dimension

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



E3DBEB



F5EBFF



EBDBEB



6F6A75



5B00B5



1B0036



# Inverse Universe

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



EBDBE3



FFEBF5



DBEBDB



756A6F



B5005B

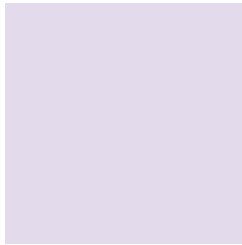


36001B



# Previews

## White Background



This preview shows how the Hex color E3DBEB looks on a white background.

## Color Contrast Check

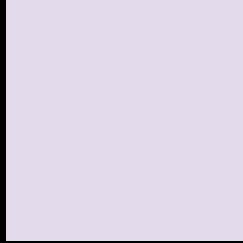
Large Text (above 18pt) WCAG AA × Fail

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 E3DBEB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

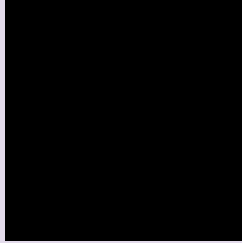
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

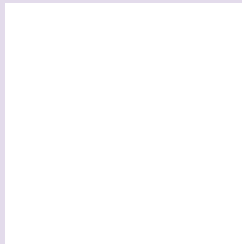
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E3DBEB Background



This preview shows how black text looks on a background with the Hex color E3DBEB.

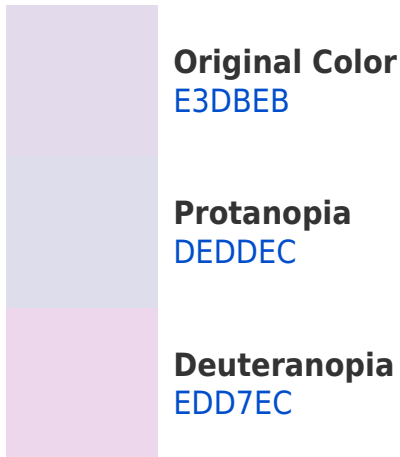


This preview shows how white text looks on a background with the Hex color E3DBEB.

# 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**  
E3DBEC

# Trichromacy



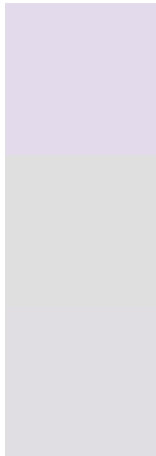
**Original Color**  
E3DBEB

**Protanomaly**  
E0DCEC

**Deuteranomaly**  
E9D8EC

**Tritanomaly**  
E3DBEC

# Monochromacy



**Original Color**  
E3DBEB

**Achromatopsia**  
DFDFDF

**Achromatomaly**  
E0DEE3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E3DBEB 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 #E3DBEB looks like.

```
.text, #text, p{  
    color:#E3DBEB  
}
```

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 #E3DBEB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E3DBEB
}
```

## Border

The CSS property to change the border of an element to Hex E3DBEB 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
#E3DBEB }
```

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

```
.border{ border-color:#E3DBEB }
```

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

Here you see how a box with a 4 pixel #E3DBEB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E3DBEB; -webkit-box-shadow:4px 4px  
4px 4px #E3DBEB; box-shadow:4px 4px 4px  
4px #E3DBEB }
```

# Background

The CSS property to change the background color of an element to Hex E3DBEB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E3DBEB }
```

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

```
.background{ background-color:#E3DBEB }
```

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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