

# Converting Colors

Hex(E6DBE3)

Have a look what the booklet for  
Hex(E6DBE3) contains.

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# **Color**

**Hex(E6DBE3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E6DBE3
RGB	230, 219, 227
RGB Percent	90%, 86%, 89%
CMY	0.0980, 0.1412, 0.1098
CMYK	0.00, 0.05, 0.01, 0.10
HSL	316°, 18%, 88%
HSV	316°, 5%, 90%
XYZ	71.8298, 73.0321, 82.9838
YIQ	223.2010, 3.9880, 4.8200

# Conversions

## Conversions Part 2

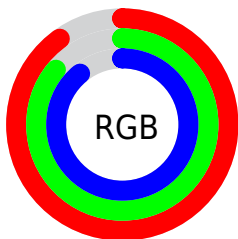
Format	Color
R <sub>Y</sub> B	230, 219, 227
Decimal	15129571
CIE Lab	88.46, 5.16, -2.58
CIE LCh	88, 5.770, 333.459
Yxy	73.0321, 0.3153, 0.3205
Android (android.graphics.Color)	4293319651 (0xFFE6DBE3)
YUV	223.2010, 1.8729, 5.9627
Hunter-Lab	85.4588, 0.4798, 2.2483

# Details

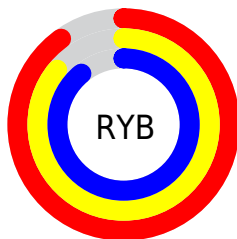
The Hex color **E6DBE3** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **DBE6DE**, and the grayscale version is **DFDFDF**.

A 20% lighter version of the original color is **FFFFFF**, and **AFA4AC** is the 20% darker color. If you saturate the color by 10%, you get **E6C4DD**, and if you desaturate by 10%, it is **E6F2E9**.

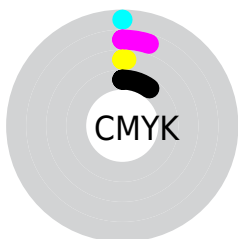
# Distribution



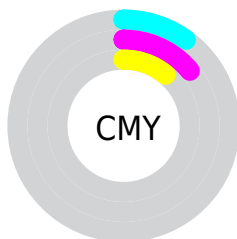
- Red (90%)
- Green (86%)
- Blue (89%)



- Red (90%)
- Yellow (86%)
- Blue (89%)



- Cyan (0%)
- Magenta (5%)
- Yellow (1%)
- Black (10%)



- Cyan (10%)
- Magenta (14%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E6DBE3 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 E6DBE3 by changing the saturation by 10% instead.



 E6DBE3

FFFFFF

 E6DBE3

 CABFC7

 AFA4AC

 948A91

 7A7078

 61585F

 494147

 332B31

 1E161C

 000000

 E6DBE3

 E6DBE3

 E6C4DD

 E6F2E9

 E6ADD6

 E6FFF0

 E696D0

 E6FFF6

 E67FCA

 E6FFFC

 E668C4

 E6FFFF

 E651BD

 E63AB7

 E623B1

 E60CAB

# Harmonies

## Analogous

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



E0DCE7



E6DBE3



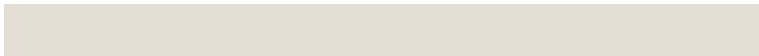
EADADE

# Triad

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



E6DBE3



E2DED3



D1E1E4

# Complementary

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



E6DBE3



DBE6DE

# 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.



D2E1DE



E6DBE3



DCE0D5

# Square

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



E6DBE3



E7DCD4



D6E1D9



D4E0E8

# Rectangle

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



E6DBE3



EADBDA



D6E1D9



D1E1E2



# Sweetspot

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



E6DBE3



FFFCFE



DEDBE6



807E7F



000000



808080



# Same Dimension

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



E6DBE3



FFF0FB



E6DBDE



736B71



B30082



330025



# Inverse Universe

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



E6DBE3



FFF0FB



DBE6E3



736B71



B30082

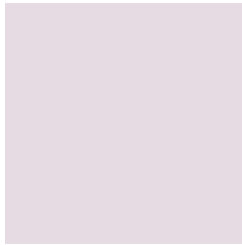


330025



# Previews

## White Background



This preview shows how the Hex color E6DBE3 looks on a white background.

## Color Contrast Check

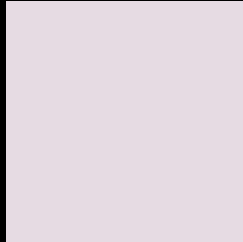
Large Text (above 18pt) WCAG AA × Fail

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 E6DBE3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

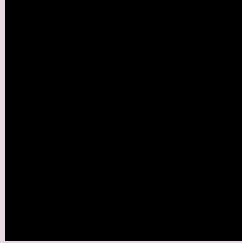
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

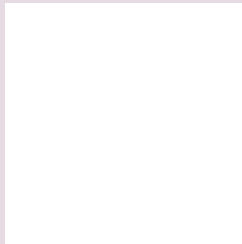
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E6DBE3 Background



This preview shows how black text looks on a background with the Hex color E6DBE3.

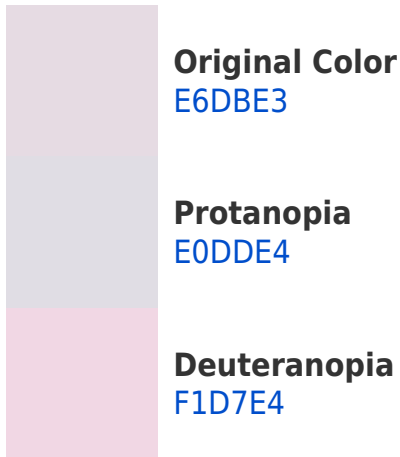


This preview shows how white text looks on a background with the Hex color E6DBE3.

# 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](#).

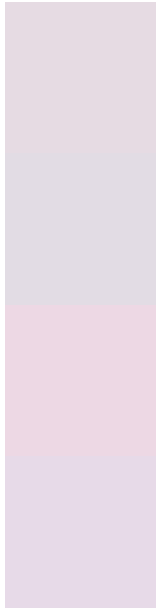
## Dichromacy





**Tritanopia**  
E7DAEB

# Trichromacy



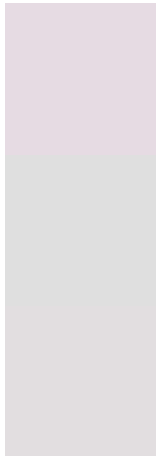
**Original Color**  
E6DBE3

**Protanomaly**  
E2DCE4

**Deuteranomaly**  
EDD8E4

**Tritanomaly**  
E7DAE8

# Monochromacy



**Original Color**  
E6DBE3

**Achromatopsia**  
DFDFDF

**Achromatomaly**  
E2DEE0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E6DBE3 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 #E6DBE3 looks like.

```
.text, #text, p{  
  color:#E6DBE3  
}
```

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 #E6DBE3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E6DBE3
}
```

## Border

The CSS property to change the border of an element to Hex E6DBE3 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
#E6DBE3 }
```

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

```
.border{ border-color:#E6DBE3 }
```

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

Here you see how a box with a 4 pixel #E6DBE3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E6DBE3; -webkit-box-shadow:4px 4px  
4px 4px #E6DBE3; box-shadow:4px 4px 4px  
4px #E6DBE3 }
```

# Background

The CSS property to change the background color of an element to Hex E6DBE3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E6DBE3 }
```

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

```
.background{ background-color:#E6DBE3 }
```

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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