

# Converting Colors

Hex(E6E0DC)

Have a look what the booklet for  
Hex(E6E0DC) contains.

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# **Color**

**Hex(E6E0DC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E6E0DC
RGB	230, 224, 220
RGB Percent	90%, 88%, 86%
CMY	0.0980, 0.1216, 0.1373
CMYK	0.00, 0.03, 0.04, 0.10
HSL	24°, 17%, 88%
HSV	24°, 4%, 90%
XYZ	72.2070, 75.3016, 78.4391
YIQ	225.3380, 4.8600, 0.0280

# Conversions

## Conversions Part 2

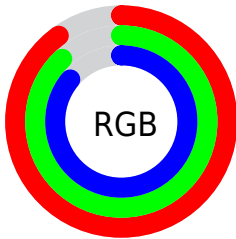
Format	Color
R <sub>Y</sub> B	230, 227, 220
Decimal	15130844
CIE Lab	89.53, 1.34, 2.67
CIE LCh	90, 2.985, 63.288
Yxy	75.3016, 0.3196, 0.3333
Android (android.graphics.Color)	4293320924 (0xFFE6E0DC)
YUV	225.3380, -2.6316, 4.0886
Hunter-Lab	86.7765, -3.3284, 7.1501

# Details

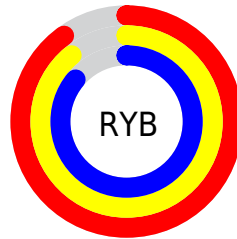
The Hex color **E6E0DC** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **DCE2E6**, and the grayscale version is **E1E1E1**.

A 20% lighter version of the original color is **FFFFFF**, and **AFA9A5** is the 20% darker color. If you saturate the color by 10%, you get **E6D2C5**, and if you desaturate by 10%, it is **E6EEF3**.

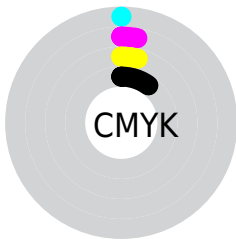
# Distribution



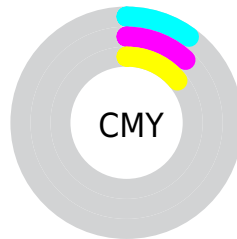
- Red (90%)
- Green (88%)
- Blue (86%)



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



- Cyan (0%)
- Magenta (3%)
- Yellow (4%)
- Black (10%)



- Cyan (10%)
- Magenta (12%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E6E0DC 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 E6E0DC by changing the saturation by 10% instead.



 E6E0DC

FFFFFF

 E6E0DC

 CAC4C0

 AFA9A5

 948E8B

 7A7571

 615C59

 4A4542

 332F2B

 1E1A17

 000000

 E6E0DC

 E6E0DC

 E6D2C5

 E6EEF3

 E6C4AE

 E6FCFF

 E6B797

 E6FFFF

 E6A980

 E69B69

 E68D52

 E67F3B

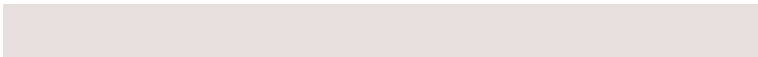
 E67224

 E6640D

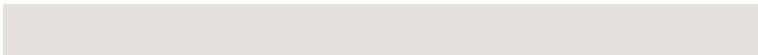
# Harmonies

## Analogous

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



E7DFDE



E6E0DC



E3E1DB

# Triad

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



E6E0DC



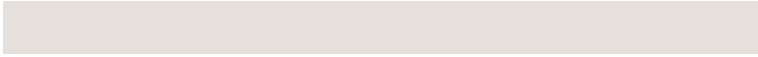
DBE3E1



E2E0E6

# Complementary

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



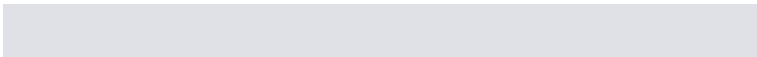
E6E0DC



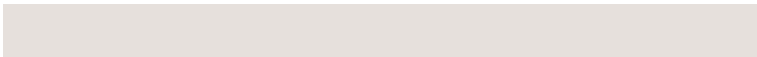
DCE2E6

# 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.



DFE1E7



E6E0DC



DAE3E4

# Square

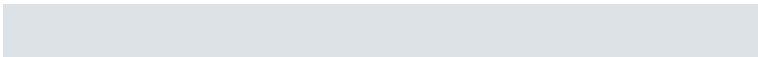
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



E6E0DC



DDE3DE



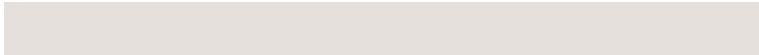
DCE2E6



E5DFE4

# Rectangle

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



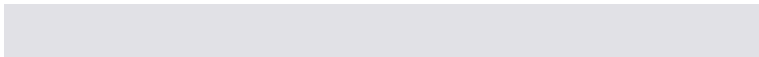
E6E0DC



E1E2DC



DCE2E6



E1E1E6



# Sweetspot

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



E6E0DC



FFFDFC



E6DCE2



807F7E



000000

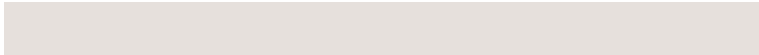


808080

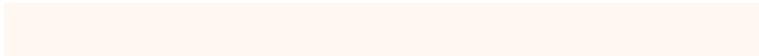


# Same Dimension

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



E6E0DC



FFF7F2



E6E5DC



736F6C



B34700

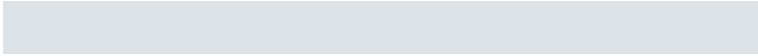


331400

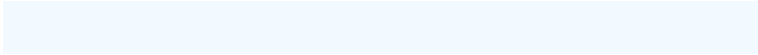


# Inverse Universe

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



DCE2E6



F2FAFF



DCDDE6



6C7073



006BB3

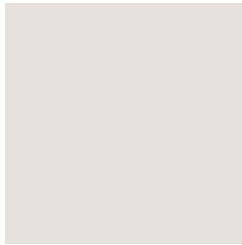


001F33



# Previews

## White Background



This preview shows how the Hex color E6E0DC looks on a white background.

## Color Contrast Check

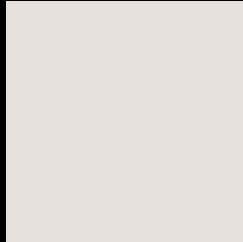
Large Text (above 18pt) WCAG AA × Fail

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 E6E0DC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

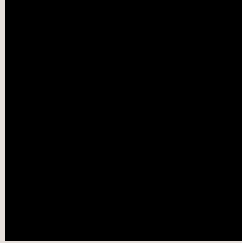
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

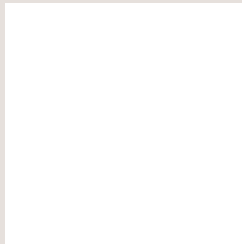
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E6E0DC Background



This preview shows how black text looks on a background with the Hex color E6E0DC.

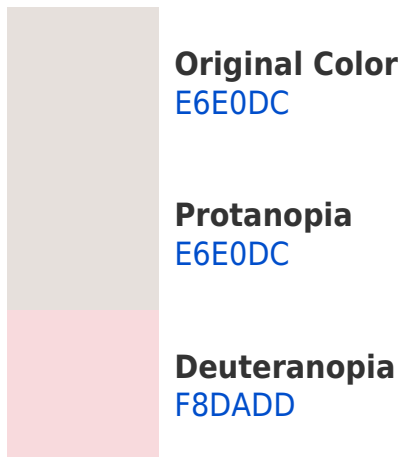


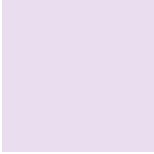
This preview shows how white text looks on a background with the Hex color E6E0DC.

# 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**  
E9DDEF

# Trichromacy



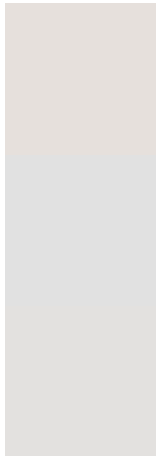
**Original Color**  
E6E0DC

**Protanomaly**  
E6E0DC

**Deuteranomaly**  
F1DCDD

**Tritanomaly**  
E8DEE8

# Monochromacy



**Original Color**  
E6E0DC

**Achromatopsia**  
E1E1E1

**Achromatomaly**  
E3E1DF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E6E0DC 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 #E6E0DC looks like.

```
.text, #text, p{  
    color:#E6E0DC  
}
```

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 #E6E0DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E6E0DC
}
```

## Border

The CSS property to change the border of an element to Hex E6E0DC 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
#E6E0DC }
```

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

```
.border{ border-color:#E6E0DC }
```

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

Here you see how a box with a 4 pixel #E6E0DC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E6E0DC; -webkit-box-shadow:4px 4px  
4px 4px #E6E0DC; box-shadow:4px 4px 4px  
4px #E6E0DC }
```

# Background

The CSS property to change the background color of an element to Hex E6E0DC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E6E0DC }
```

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

```
.background{ background-color:#E6E0DC }
```

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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