

# Converting Colors

Hex(E7DFEA)

Have a look what the booklet for  
Hex(E7DFEA) contains.

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# **Color**

**Hex(E7DFEA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E7DFEA
RGB	231, 223, 234
RGB Percent	91%, 87%, 92%
CMY	0.0941, 0.1255, 0.0824
CMYK	0.01, 0.05, 0.00, 0.08
HSL	284°, 21%, 90%
HSV	284°, 5%, 92%
XYZ	74.1940, 75.7048, 88.5439
YIQ	226.6460, 1.2370, 5.1170

# Conversions

## Conversions Part 2

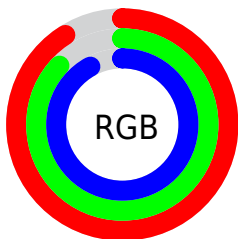
Format	Color
R <sub>Y</sub> B	231, 223, 234
Decimal	15196138
CIE Lab	89.72, 4.68, -4.40
CIE LCh	90, 6.422, 316.755
Yxy	75.7048, 0.3112, 0.3175
Android (android.graphics.Color)	4293386218 (0xFFE7DFEA)
YUV	226.6460, 3.6255, 3.8185
Hunter-Lab	87.0085, -0.0542, 0.5697

# Details

The Hex color **E7DFEA** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **E2EADF**, and the grayscale version is **E3E3E3**.

A 20% lighter version of the original color is **FFFFFF**, and **AFA8B2** is the 20% darker color. If you saturate the color by 10%, you get **E1C8EA**, and if you desaturate by 10%, it is **EDF6EA**.

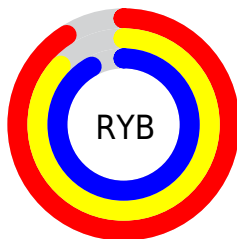
# Distribution



Red (91%)

Green (87%)

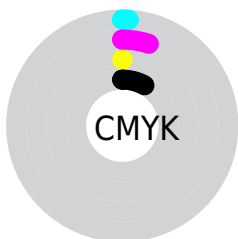
Blue (92%)



Red (91%)

Yellow (87%)

Blue (92%)

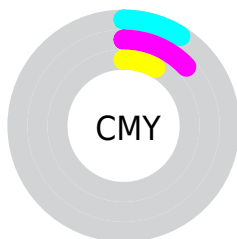


Cyan (1%)

Magenta (5%)

Yellow (0%)

Black (8%)



Cyan (9%)

Magenta (13%)

Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E7DFEA 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 E7DFEA by changing the saturation by 10% instead.



 E7DFEA

FFFFFF

 E7DFEA

 CBC3CE

 AFA8B2

 958D98

 7B747E

 625B65

 4A444D

 342E36

 1F1921

 05000A

 E7DFEA

 E7DFEA

 E1C8EA

 EDF6EA

 DAB0EA

 F4FFEA

 D499EA

 FAFFEA

 CD81EA

 FFFFEA

 C76AEA

 C153EA

 BA3BEA

 B424EA

 AE0CEA

# Harmonies

## Analogous

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



E0E1ED



E7DFEA



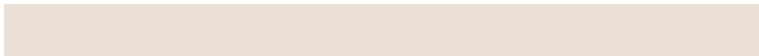
EDDEE5

# Triad

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



E7DFEA



EAE0D6



D3E5E5

# Complementary

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



E7DFEA



E2EADF

# 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.



D6E5DF



E7DFEA



E3E2D6

# Square

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



E7DFEA



EEDED9



DCE4D9



D4E5EA

# Rectangle

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



E7DFEA



EFDEE0



DCE4D9



D4E5E3



# Sweetspot

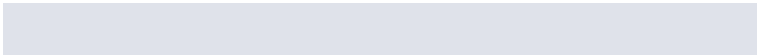
The Sweet Spot groups the original color and five complimentary colors.



E7DFEA



FEFCFF



DFE2EA



7F7E80



000000



808080



# Same Dimension

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



E7DFEA



FBF0FF



EADFE8



736D75



8400B5



270036

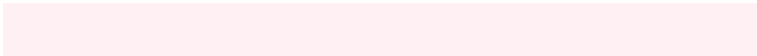


# Inverse Universe

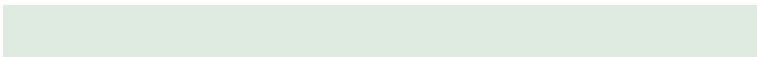
The Inverse Universe completely reimagines the original color for something new.



EADFE2



FFF0F4



DFEAE1



756D6F



B50031

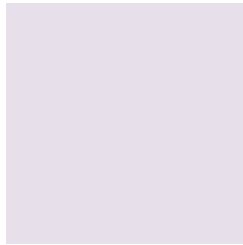


36000F



# Previews

## White Background



This preview shows how the Hex color E7DFEA looks on a white background.

## Color Contrast Check

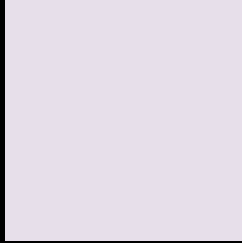
Large Text (above 18pt) WCAG AA × Fail

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 E7DFEA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

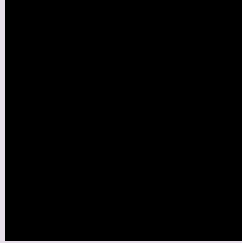
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

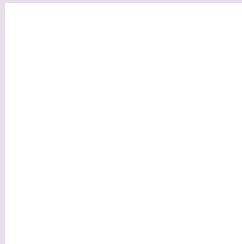
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E7DFEA Background



This preview shows how black text looks on a background with the Hex color E7DFEA.

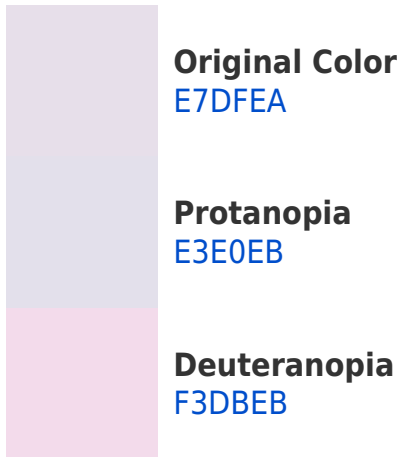


This preview shows how white text looks on a background with the Hex color E7DFEA.

# 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](#).

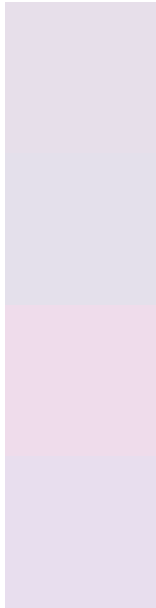
## Dichromacy





**Tritanopia**  
E8DEF0

# Trichromacy



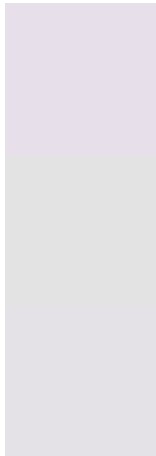
**Original Color**  
E7DFEA

**Protanomaly**  
E4E0EB

**Deuteranomaly**  
EFDCEB

**Tritanomaly**  
E8DEEE

# Monochromacy



**Original Color**  
E7DFEA

**Achromatopsia**  
E3E3E3

**Achromatomaly**  
E4E2E6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E7DFEA 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 #E7DFEA looks like.

```
.text, #text, p{  
    color:#E7DFEA  
}
```

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 #E7DFEA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E7DFEA
}
```

## Border

The CSS property to change the border of an element to Hex E7DFEA 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
#E7DFEA }
```

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

```
.border{ border-color:#E7DFEA }
```

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

Here you see how a box with a 4 pixel #E7DFEA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E7DFEA; -webkit-box-shadow:4px 4px  
4px 4px #E7DFEA; box-shadow:4px 4px 4px  
4px #E7DFEA }
```

# Background

The CSS property to change the background color of an element to Hex E7DFEA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E7DFEA }
```

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

```
.background{ background-color:#E7DFEA }
```

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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