

# Converting Colors

Hex(E7D7F3)

Have a look what the booklet for  
Hex(E7D7F3) contains.

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# **Color**

**Hex(E7D7F3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E7D7F3
RGB	231, 215, 243
RGB Percent	91%, 84%, 95%
CMY	0.0941, 0.1569, 0.0471
CMYK	0.05, 0.12, 0.00, 0.05
HSL	274°, 54%, 90%
HSV	274°, 12%, 95%
XYZ	73.4331, 72.0609, 94.8328
YIQ	222.9760, 0.5480, 12.1000

# Conversions

## Conversions Part 2

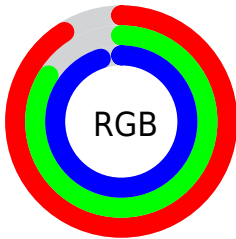
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	231, 215, 243
Decimal	15194099
CIE Lab	88.00, 10.53, -11.69
CIE LCh	88, 15.735, 312.010
Yxy	72.0609, 0.3056, 0.2998
Android (android.graphics.Color)	4293384179 (0xFFE7D7F3)
YUV	222.9760, 9.8718, 7.0370
Hunter-Lab	84.8887, 5.8566, -6.8134

# Details

The Hex color **E7D7F3** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **E3F3D7**, and the grayscale version is **DFDFDF**.

A 20% lighter version of the original color is **FFFFFF**, and **AFA0BB** is the 20% darker color. If you saturate the color by 10%, you get **DDBFF3**, and if you desaturate by 10%, it is **F1EFF3**.

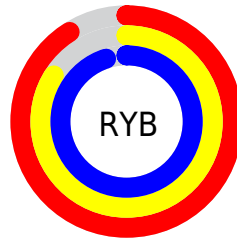
# Distribution



Red (91%)

Green (84%)

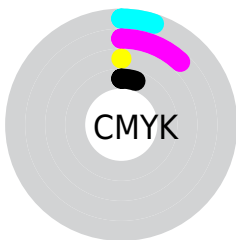
Blue (95%)



Red (91%)

Yellow (84%)

Blue (95%)

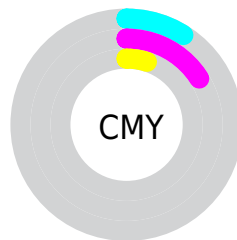


Cyan (5%)

Magenta (12%)

Yellow (0%)

Black (5%)



Cyan (9%)

Magenta (16%)

Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E7D7F3 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 E7D7F3 by changing the saturation by 10% instead.



 E7D7F3

FFFFFF

 E7D7F3

 CBBBD7

 AFA0BB

 9586A0

 7B6D86

 62546C

 4A3D54

 33273D

 1E1327

 000012

 E7D7F3

 E7D7F3

 DDBFF3

 F1EFF3

 D2A6F3

 FCFFF3

 C88EF3

 FFFFF3

 BD76F3

 B35DF3

 A945F3

 9E2DF3

 9415F3

 8B00F3

# Harmonies

## Analogous

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



D4DCFA



E7D7F3



F6D3E6

# Triad

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



E7D7F3



F1D9C1



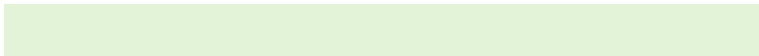
B8E6E2

# Complementary

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



E7D7F3



E3F3D7

# Split Complementary

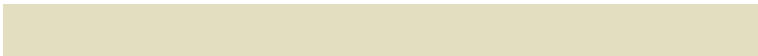
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



C2E5D3



E7D7F3



E3DEBF

# Square

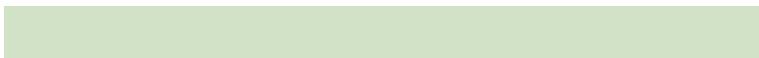
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



E7D7F3



FBD5C9



D1E2C6



B8E4F0

# Rectangle

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



E7D7F3



FBD3DC



D1E2C6



BAE6DD



# Sweetspot

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



E7D7F3



FCF7FF



D7E3F3



7D7A80



000000



808080



# Same Dimension

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



E7D7F3



F0DBFF



F3D7F1



756E7A



6A00BA



22003B



# Inverse Universe

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



F3D7E3



FFDBEB



D7F3D9



7A6E73



BA0050

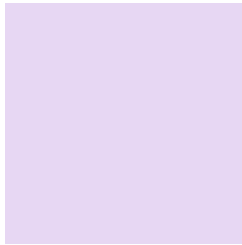


3B0019



# Previews

## White Background



This preview shows how the Hex color E7D7F3 looks on a white background.

## Color Contrast Check

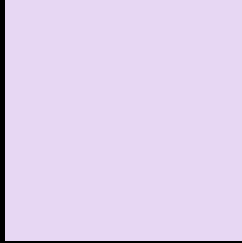
Large Text (above 18pt) WCAG AA × Fail

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 E7D7F3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

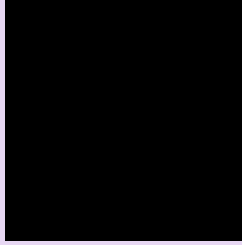
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

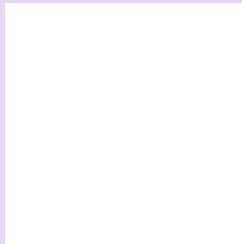
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E7D7F3 Background



This preview shows how black text looks on a background with the Hex color E7D7F3.

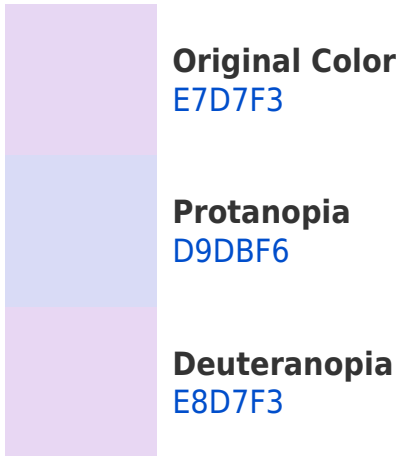


This preview shows how white text looks on a background with the Hex color E7D7F3.

# 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**  
E6D9EA

# Trichromacy



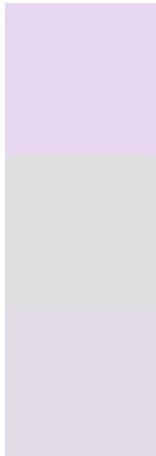
**Original Color**  
E7D7F3

**Protanomaly**  
DEDAF5

**Deuteranomaly**  
E8D7F3

**Tritanomaly**  
E6D8ED

# Monochromacy



**Original Color**  
E7D7F3

**Achromatopsia**  
DFDFDF

**Achromatomaly**  
E2DCE6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E7D7F3 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 #E7D7F3 looks like.

```
.text, #text, p{  
    color:#E7D7F3  
}
```

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 #E7D7F3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E7D7F3
}
```

## Border

The CSS property to change the border of an element to Hex E7D7F3 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
#E7D7F3 }
```

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

```
.border{ border-color:#E7D7F3 }
```

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

Here you see how a box with a 4 pixel #E7D7F3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E7D7F3; -webkit-box-shadow:4px 4px  
4px 4px #E7D7F3; box-shadow:4px 4px 4px  
4px #E7D7F3 }
```

# Background

The CSS property to change the background color of an element to Hex E7D7F3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E7D7F3 }
```

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

```
.background{ background-color:#E7D7F3 }
```

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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