

# Converting Colors

Hex(E0D8F3)

Have a look what the booklet for  
Hex(E0D8F3) contains.

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# **Color**

**Hex(E0D8F3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E0D8F3
RGB	224, 216, 243
RGB Percent	88%, 85%, 95%
CMY	0.1216, 0.1529, 0.0471
CMYK	0.08, 0.11, 0.00, 0.05
HSL	258°, 53%, 90%
HSV	258°, 11%, 95%
XYZ	71.4740, 71.4301, 94.8143
YIQ	221.4700, -3.8990, 10.0930

# Conversions

## Conversions Part 2

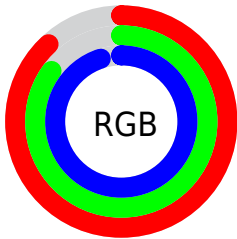
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	224, 216, 243
Decimal	14735603
CIE Lab	87.69, 7.73, -12.20
CIE LCh	88, 14.444, 302.336
Yxy	71.4301, 0.3007, 0.3005
Android (android.graphics.Color)	4292925683 (0xFFE0D8F3)
YUV	221.4700, 10.6143, 2.2188
Hunter-Lab	84.5163, 3.0508, -7.3528

# Details

The Hex color **E0D8F3** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **EBF3D8**, and the grayscale version is **DDDDDD**.

A 20% lighter version of the original color is **FFFFFF**, and **A9A1BB** is the 20% darker color. If you saturate the color by 10%, you get **CFC0F3**, and if you desaturate by 10%, it is **F1F0F3**.

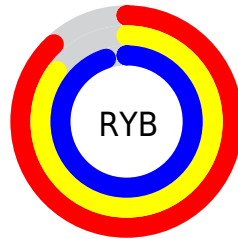
# Distribution



Red (88%)

Green (85%)

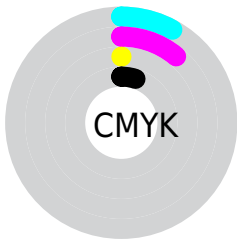
Blue (95%)



Red (88%)

Yellow (85%)

Blue (95%)

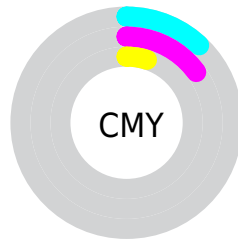


Cyan (8%)

Magenta (11%)

Yellow (0%)

Black (5%)



Cyan (12%)

Magenta (15%)

Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E0D8F3 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 E0D8F3 by changing the saturation by 10% instead.



■ E0D8F3

FFFFFF

■ E0D8F3

■ C4BCD7

■ A9A1BB

■ 8E87A0

■ 756E86

■ 5C556C

■ 443E54

■ 2E283D

■ 191427

■ 000112

 E0D8F3

 E0D8F3

 CFC0F3

 F1F0F3

 BEA7F3

 FFFFF3

 AD8FF3

 9C77F3

 8B5FF3

 7946F3

 682EF3

 5716F3

 4800F3

# Harmonies

## Analogous

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



CFDDF7



E0D8F3



EFD4E9

# Triad

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



E0D8F3



F3D7C4



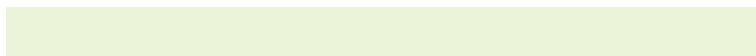
BCE4DC

# Complementary

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



E0D8F3



EBF3D8

# 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.



C7E3CF



E0D8F3



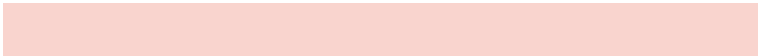
E6DBC1

# Square

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



E0D8F3



F9D4CE



D7E0C4



B9E3EA

# Rectangle

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



E0D8F3



F6D3E0



D7E0C4



BFE4D8



# Sweetspot

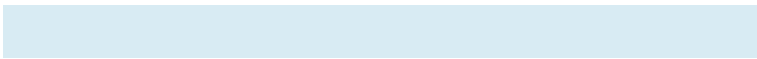
The Sweet Spot groups the original color and five complimentary colors.



E0D8F3



FAF7FF



D8EBF3



7C7A80



000000



808080



# Same Dimension

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



E0D8F3



E8DEFF



EDD8F3



726E7A



3700BA



11003B



# Inverse Universe

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



F3D8EB



FFDEF5



DEF3D8



7A6E77



BA0083

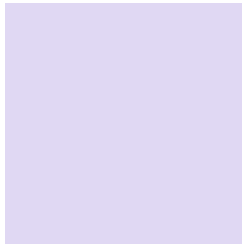


3B0029



# Previews

## White Background



This preview shows how the Hex color E0D8F3 looks on a white background.

## Color Contrast Check

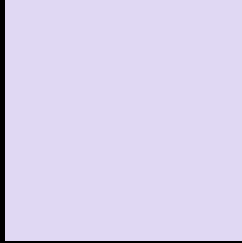
Large Text (above 18pt) WCAG AA × Fail

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 E0D8F3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

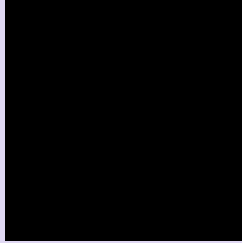
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

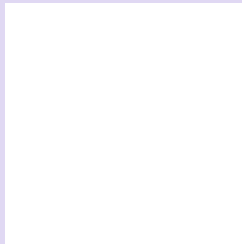
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E0D8F3 Background



This preview shows how black text looks on a background with the Hex color E0D8F3.

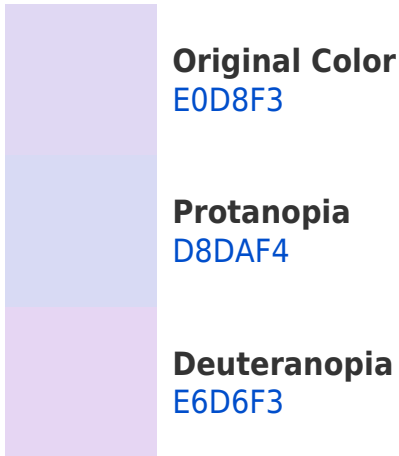


This preview shows how white text looks on a background with the Hex color E0D8F3.

# 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**  
DFD9EB

# Trichromacy



**Original Color**  
E0D8F3

**Protanomaly**  
DBD9F4

**Deuteranomaly**  
E4D7F3

**Tritanomaly**  
DFD9EE

# Monochromacy



**Original Color**  
E0D8F3

**Achromatopsia**  
DDDDDD

**Achromatomaly**  
DEDBE5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E0D8F3 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 #E0D8F3 looks like.

```
.text, #text, p{  
    color:#E0D8F3  
}
```

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 #E0D8F3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E0D8F3
}
```

## Border

The CSS property to change the border of an element to Hex E0D8F3 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
#E0D8F3 }
```

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

```
.border{ border-color:#E0D8F3 }
```

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

Here you see how a box with a 4 pixel #E0D8F3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E0D8F3; -webkit-box-shadow:4px 4px  
4px 4px #E0D8F3; box-shadow:4px 4px 4px  
4px #E0D8F3 }
```

# Background

The CSS property to change the background color of an element to Hex E0D8F3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E0D8F3 }
```

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

```
.background{ background-color:#E0D8F3 }
```

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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