

Converting Colors

Hex(E0D8F7)

Have a look what the booklet for
Hex(E0D8F7) contains.

Hex(E0D8F7)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(E0D8F7)

Conversions

Conversions Part 1

Format	Color
Hex	E0D8F7
RGB	224, 216, 247
RGB Percent	88%, 85%, 97%
CMY	0.1216, 0.1529, 0.0314
CMYK	0.09, 0.13, 0.00, 0.03
HSL	255°, 66%, 91%
HSV	255°, 13%, 97%
XYZ	72.0848, 71.6744, 98.0310
YIQ	221.9260, -5.1830, 11.3370

Conversions

Conversions Part 2

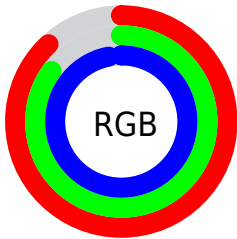
Format	Color
R_{YB}	224, 216, 247
Decimal	14735607
CIE _{Lab}	87.81, 8.51, -14.14
CIE _{LCh}	88, 16.499, 301.043
Yxy	71.6744, 0.2981, 0.2964
Android (android.graphics.Color)	4292925687 (0xFFE0D8F7)
YUV	221.9260, 12.3615, 1.8189
Hunter-Lab	84.6608, 3.8284, -9.3910

Details

The Hex color **E0D8F7** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **EFF7D8**, and the grayscale version is **DEDEDE**.

A 20% lighter version of the original color is **FFFFFF**, and **A9A1BF** is the 20% darker color. If you saturate the color by 10%, you get **CEBFF7**, and if you desaturate by 10%, it is **F2F1F7**.

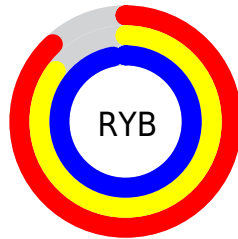
Distribution



Red (88%)

Green (85%)

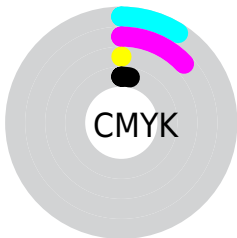
Blue (97%)



Red (88%)

Yellow (85%)

Blue (97%)

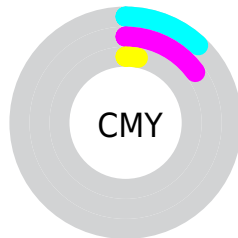


Cyan (9%)

Magenta (13%)

Yellow (0%)

Black (3%)



Cyan (12%)

Magenta (15%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color E0D8F7 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 E0D8F7 by changing the saturation by 10% instead.

 E0D8F7

FFFFFF

 E0D8F7

 C4BCDA

 A9A1BF

 8E87A4

 746E89

 5C5570

 443E57

 2D2840

 18142A

 000115

 E0D8F7

 E0D8F7

 CEBFF7

 F2F1F7

 BBA7F7

 FFFFF7

 A98EF7

 9775F7

 845CF7

 7244F7

 602BF7

 4D12F7

 4000F7

Harmonies

Analogous

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



CCDDFB



E0D8F7



F1D4EC

Triad

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



E0D8F7



F6D6C1



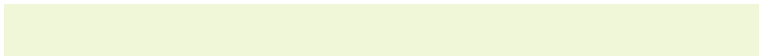
B8E5DC

Complementary

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



E0D8F7



EFF7D8

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.



C5E4CD



E0D8F7



E8DBBD

Square

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



E0D8F7



FDD2CD



D7E0C1



B4E5EC

Rectangle

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



E0D8F7



F9D2E2



D7E0C1



BCE5D7

Sweetspot

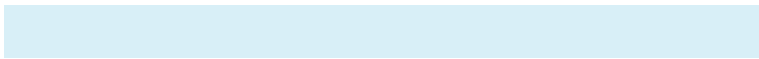
The Sweet Spot groups the original color and five complimentary colors.



E0D8F7



F7F5FF



D8EFF7



7B7980



000000



808080

Same Dimension

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



E0D8F7



E3D9FF



EFD8F7



716E7A



3000BA



0F003B

Inverse Universe

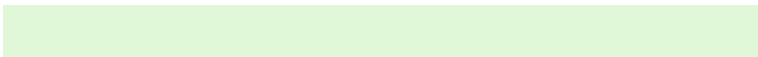
The Inverse Universe completely reimagines the original color for something new.



F7D8EF



FFD9F5



E0F7D8



7A6E77



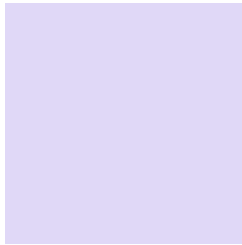
BA008A



3B002C

Previews

White Background



This preview shows how the Hex color E0D8F7 looks on a white background.

Color Contrast Check

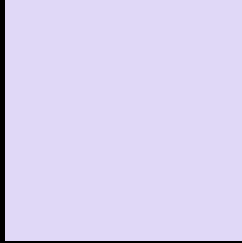
Large Text (above 18pt) WCAG AA × Fail

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 E0D8F7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

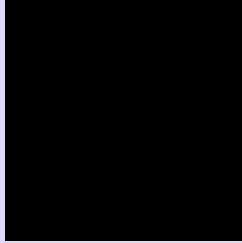
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

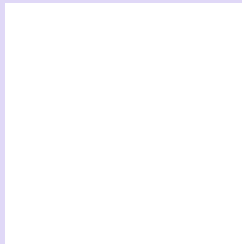
Any Text WCAG AAA ✓ Pass

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

Hex E0D8F7 Background



This preview shows how black text looks on a background with the Hex color E0D8F7.

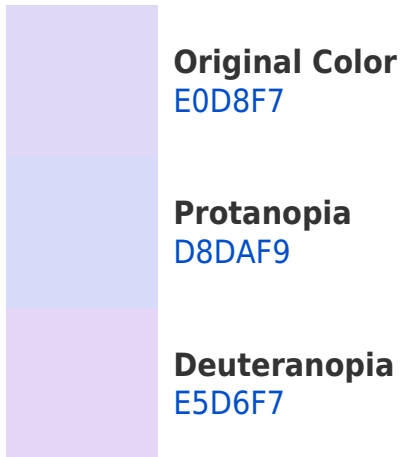


This preview shows how white text looks on a background with the Hex color E0D8F7.

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



Trichromacy



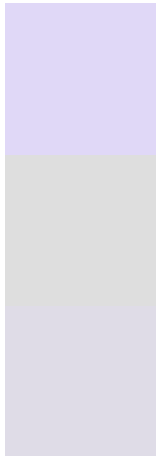
Original Color
E0D8F7

Protanomaly
DBD9F8

Deuteranomaly
E3D7F7

Tritanomaly
DFD9EF

Monochromacy



Original Color
E0D8F7

Achromatopsia
DEDEDE

Achromatomaly
DFDCE7

CSS Examples

Text

The CSS property to change the color of the text to Hex E0D8F7 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 #E0D8F7 looks like.

```
.text, #text, p{  
    color:#E0D8F7  
}
```

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 #E0D8F7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E0D8F7
}
```

Border

The CSS property to change the border of an element to Hex E0D8F7 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
#E0D8F7 }
```

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

```
.border{ border-color:#E0D8F7 }
```

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

Here you see how a box with a 4 pixel #E0D8F7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E0D8F7; -webkit-box-shadow:4px 4px  
4px 4px #E0D8F7; box-shadow:4px 4px 4px  
4px #E0D8F7 }
```

Background

The CSS property to change the background color of an element to Hex E0D8F7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E0D8F7 }
```

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

```
.background{ background-color:#E0D8F7 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor