

Converting Colors

Hex(E3D8F7)

Have a look what the booklet for
Hex(E3D8F7) contains.

Hex(E3D8F7)	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(E3D8F7)

Conversions

Conversions Part 1

Format	Color
Hex	E3D8F7
RGB	227, 216, 247
RGB Percent	89%, 85%, 97%
CMY	0.1098, 0.1529, 0.0314
CMYK	0.08, 0.13, 0.00, 0.03
HSL	261°, 66%, 91%
HSV	261°, 13%, 97%
XYZ	73.0229, 72.1580, 98.0749
YIQ	222.8230, -3.3950, 11.9730

Conversions

Conversions Part 2

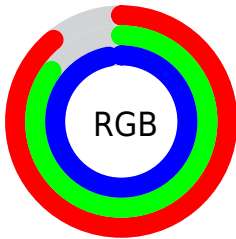
Format	Color
R _Y B	227, 216, 247
Decimal	14932215
CIE Lab	88.04, 9.47, -13.76
CIE LCh	88, 16.709, 304.541
Yxy	72.1580, 0.3002, 0.2966
Android (android.graphics.Color)	4293122295 (0xFFE3D8F7)
YUV	222.8230, 11.9193, 3.6632
Hunter-Lab	84.9459, 4.7905, -8.9916

Details

The Hex color **E3D8F7** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **ECF7D8**, and the grayscale version is **DFDFDF**.

A 20% lighter version of the original color is **FFFFFF**, and **ACA1BF** is the 20% darker color. If you saturate the color by 10%, you get **D3BFF7**, and if you desaturate by 10%, it is **F3F1F7**.

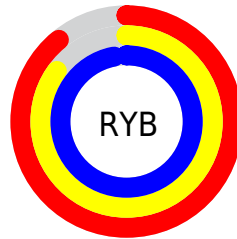
Distribution



Red (89%)

Green (85%)

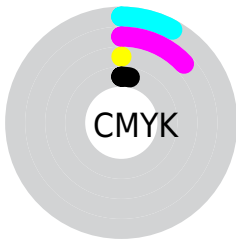
Blue (97%)



Red (89%)

Yellow (85%)

Blue (97%)

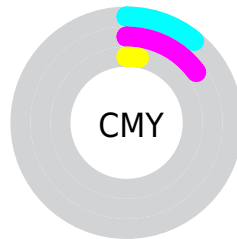


Cyan (8%)

Magenta (13%)

Yellow (0%)

Black (3%)



Cyan (11%)

Magenta (15%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color E3D8F7 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 E3D8F7 by changing the saturation by 10% instead.

 E3D8F7

FFFFFF

 E3D8F7

 C7BCDA

 ACA1BF

 9187A4

 776E89

 5E5570

 463E57

 302840

 1A142A

 000015

 E3D8F7

 E3D8F7

 D3BFF7

 F3F1F7

 C3A7F7

 FFFFF7

 B38EF7

 A375F7

 935CF7

 8344F7

 732BF7

 6412F7

 5800F7

Harmonies

Analogous

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



CFDDFC



E3D8F7



F4D4EB

Triad

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



E3D8F7



F6D7C1



B7E6DF

Complementary

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



E3D8F7



ECF7D8

Split Complementary

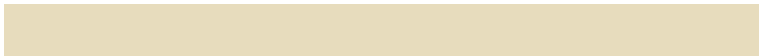
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



C4E5CF



E3D8F7



E7DCBD

Square

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



E3D8F7



FED3CB



D5E1C2



B4E5EE

Rectangle

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



E3D8F7



FBD2E0



D5E1C2



BAE6D9

Sweetspot

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



E3D8F7



F8F5FF



D8ECF7



7B7980



000000



808080

Same Dimension

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



E3D8F7



E6D9FF



F2D8F7



736E7A



4200BA



15003B

Inverse Universe

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



F7D8EC



FFD9F1



DDF7D8



7A6E76



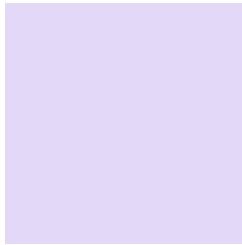
BA0078



3B0026

Previews

White Background



This preview shows how the Hex color E3D8F7 looks on a white background.

Color Contrast Check

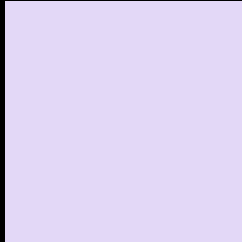
Large Text (above 18pt) WCAG AA × Fail

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 E3D8F7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

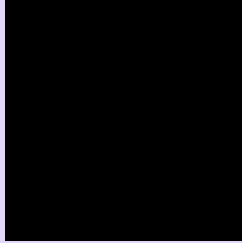
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

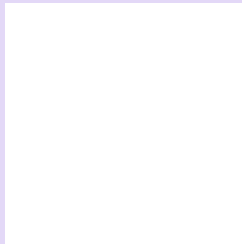
Any Text WCAG AAA ✓ Pass

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

Hex E3D8F7 Background



This preview shows how black text looks on a background with the Hex color E3D8F7.



This preview shows how white text looks on a background with the Hex color E3D8F7.

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



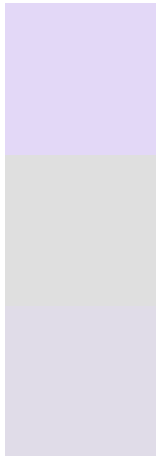
Original Color
E3D8F7

Protanomaly
DCDAF8

Deuteranomaly
E5D7F7

Tritanomaly
E2D9EF

Monochromacy



Original Color
E3D8F7

Achromatopsia
DFDFDF

Achromatomaly
E0DCE8

CSS Examples

Text

The CSS property to change the color of the text to Hex E3D8F7 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 #E3D8F7 looks like.

```
.text, #text, p{  
    color:#E3D8F7  
}
```

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 #E3D8F7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E3D8F7
}
```

Border

The CSS property to change the border of an element to Hex E3D8F7 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
#E3D8F7 }
```

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

```
.border{ border-color:#E3D8F7 }
```

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

Here you see how a box with a 4 pixel #E3D8F7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E3D8F7; -webkit-box-shadow:4px 4px  
4px 4px #E3D8F7; box-shadow:4px 4px 4px  
4px #E3D8F7 }
```

Background

The CSS property to change the background color of an element to Hex E3D8F7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E3D8F7 }
```

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

```
.background{ background-color:#E3D8F7 }
```

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