

# Converting Colors

Hex(E3C2EF)

Have a look what the booklet for  
Hex(E3C2EF) contains.

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# **Color**

**Hex(E3C2EF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E3C2EF
RGB	227, 194, 239
RGB Percent	89%, 76%, 94%
CMY	0.1098, 0.2392, 0.0627
CMYK	0.05, 0.19, 0.00, 0.06
HSL	284°, 58%, 85%
HSV	284°, 19%, 94%
XYZ	66.5503, 61.1465, 89.9562
YIQ	208.9970, 5.2230, 20.9910

# Conversions

## Conversions Part 2

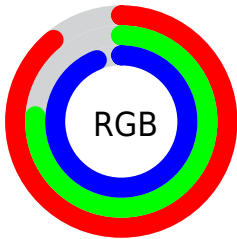
Format	Color
<a href="#">RYB</a>	<a href="#">227, 194, 239</a>
Decimal	<a href="#">14926575</a>
CIELab	<a href="#">82.46, 19.61, -17.91</a>
CIELCh	<a href="#">82, 26.556, 317.584</a>
Yxy	<a href="#">61.1465, 0.3058, 0.2809</a>
Android (android.graphics.Color)	<a href="#">4293116655 (0xFFE3C2EF)</a>
YUV	<a href="#">208.9970, 14.7915, 15.7886</a>
Hunter-Lab	<a href="#">78.1962, 15.0724, -13.4693</a>

# Details

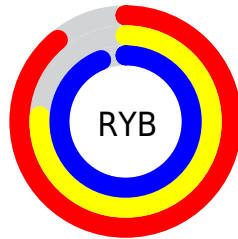
The Hex color **E3C2EF** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **CEEFC2**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **FFBFFF**, and **AB8CB7** is the 20% darker color. If you saturate the color by 10%, you get **DDAAEF**, and if you desaturate by 10%, it is **E9DAEF**.

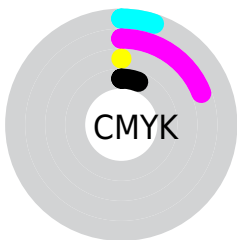
# Distribution



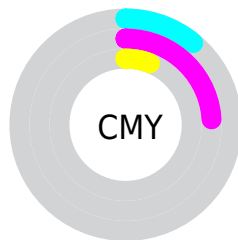
- Red (89%)
- Green (76%)
- Blue (94%)



- Red (89%)
- Yellow (76%)
- Blue (94%)



- Cyan (5%)
- Magenta (19%)
- Yellow (0%)
- Black (6%)



- Cyan (11%)
- Magenta (24%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E3C2EF 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 E3C2EF by changing the saturation by 10% instead.



 E3C2EF

FFFFFF

 FFFBFF

 E3C2EF

 C7A7D3

 AB8CB7

 91739C

 775A82

 5E4269

 462C50

 2E1639

 1C0024

 00000C

 E3C2EF

 E3C2EF

 DDAAEF

 E9DAEF

 D692EF

 F0F2EF

 D07AEF

 F6FFEF

 CA62EF

 FCFFEF

 C34AEF

 FFFFEF

 BD33EF

 B61BEF

 B003EF

 AF00EF

# Harmonies

## Analogous

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



C3CAFC



E3C2EF



F9BCD9

# Triad

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



E3C2EF



E9C89D



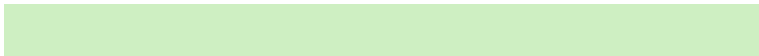
88DBDB

# Complementary

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



E3C2EF



CEEFC2

# 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.



99DBC2



E3C2EF



D0D09D

# Square

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



E3C2EF



FBC0A9



B4D7AB



8AD9F1

# Rectangle

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



E3C2EF



FFBBC8



B4D7AB



8CDBD3



# Sweetspot

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



E3C2EF



FBF0FF



C2CEEF



7D7780



000000



808080



# Same Dimension

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



E3C2EF



EFC4FF



EFC2E4



756C78



8700B8



290038



# Inverse Universe

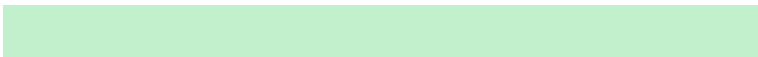
The Inverse Universe completely reimagines the original color for something new.



EFC2CE



FFC4D4



C2EFCC



786C6F



B80031



38000F



# Previews

## White Background



This preview shows how the Hex color E3C2EF looks on a white background.

## Color Contrast Check

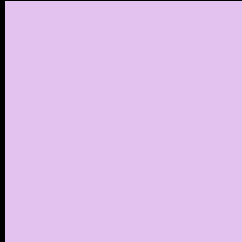
Large Text (above 18pt) WCAG AA × Fail

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 E3C2EF 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 E3C2EF Background



This preview shows how black text looks on a background with the Hex color E3C2EF.

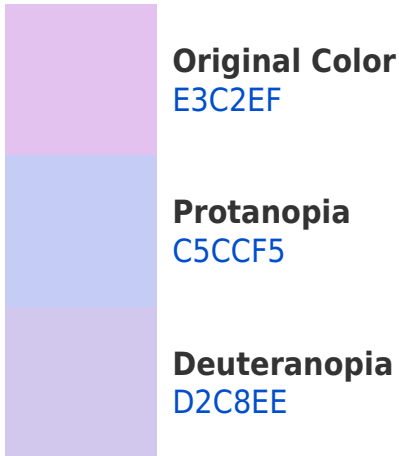


This preview shows how white text looks on a background with the Hex color E3C2EF.

# 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**  
DFC6D6

# Trichromacy



**Original Color**  
E3C2EF

**Protanomaly**  
D0C8F3

**Deuteranomaly**  
D8C6EE

**Tritanomaly**  
E0C5DF

# Monochromacy



**Original Color**  
E3C2EF

**Achromatopsia**  
D1D1D1

**Achromatomaly**  
D8CCDC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E3C2EF 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 #E3C2EF looks like.

```
.text, #text, p{  
    color:#E3C2EF  
}
```

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 #E3C2EF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E3C2EF
}
```

## Border

The CSS property to change the border of an element to Hex E3C2EF 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
#E3C2EF }
```

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

```
.border{ border-color:#E3C2EF }
```

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

Here you see how a box with a 4 pixel #E3C2EF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E3C2EF; -webkit-box-shadow:4px 4px  
4px 4px #E3C2EF; box-shadow:4px 4px 4px  
4px #E3C2EF }
```

# Background

The CSS property to change the background color of an element to Hex E3C2EF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E3C2EF }
```

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

```
.background{ background-color:#E3C2EF }
```

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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