

# Converting Colors

Hex(E8C3FB)

Have a look what the booklet for  
Hex(E8C3FB) contains.

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# Color

**Hex(E8C3FB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E8C3FB
RGB	232, 195, 251
RGB Percent	91%, 76%, 98%
CMY	0.0902, 0.2353, 0.0157
CMYK	0.08, 0.22, 0.00, 0.02
HSL	280°, 88%, 87%
HSV	280°, 22%, 98%
XYZ	70.2064, 63.1511, 99.7559
YIQ	212.4470, 4.0760, 25.2600

# Conversions

## Conversions Part 2

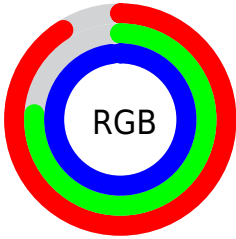
Format	Color
R <sub>Y</sub> B	232, 195, 251
Decimal	15254523
CIE Lab	83.52, 23.00, -22.66
CIE LCh	84, 32.289, 315.433
Yxy	63.1511, 0.3012, 0.2709
Android (android.graphics.Color)	4293444603 (0xFFE8C3FB)
YUV	212.4470, 19.0066, 17.1480
Hunter-Lab	79.4676, 18.6291, -18.7995

# Details

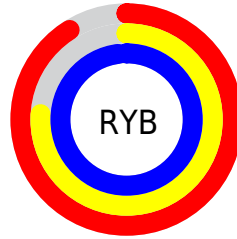
The Hex color **E8C3FB** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **D6FBC3**, and the grayscale version is **D4D4D4**.

A 20% lighter version of the original color is **FFFCFF**, and **B08DC2** is the 20% darker color. If you saturate the color by 10%, you get **DFAAFB**, and if you desaturate by 10%, it is **F1DCFB**.

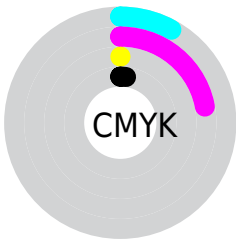
# Distribution



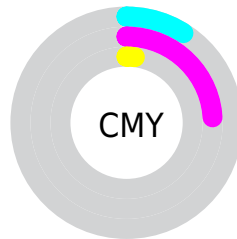
- Red (91%)
- Green (76%)
- Blue (98%)



- Red (91%)
- Yellow (76%)
- Blue (98%)



- Cyan (8%)
- Magenta (22%)
- Yellow (0%)
- Black (2%)



- Cyan (9%)
- Magenta (24%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E8C3FB 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 E8C3FB by changing the saturation by 10% instead.



 E8C3FB

FFFFFF

 FFFCFF


 E8C3FB

 CCA8DE

 B08DC2

 9573A7

 7B5B8D

 614373

 492C5A

 311643

 1D002C

 000117

 E8C3FB

 E8C3FB

 DFAAFB

 F1DCFB

 D791FB

 F9F5FB

 CE78FB

 FFFFFB

 C65FFB

 BD46FB

 B52CFB

 AC13FB

 A600FB

# Harmonies

## Analogous

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



C0CEFF



E8C3FB



FFBBE0

# Triad

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



E8C3FB



F3C996



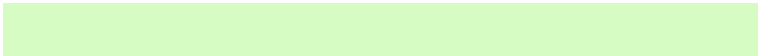
77E1DF

# Complementary

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



E8C3FB



D6FBC3

# 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.



91E0C0



E8C3FB



D6D395

# Square

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



E8C3FB



FFC0A6



B4DBA5



76DEFA

# Rectangle

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



E8C3FB



FFBACC



B4DBA5



7EE1D5



# Sweetspot

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



E8C3FB



F9EDFF



C3D7FB



7C7580



000000



808080



# Same Dimension

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



E8C3FB



E8BAFF



FBC3F3



79707D



7D00BD



28003D



# Inverse Universe

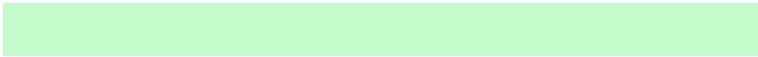
The Inverse Universe completely reimagines the original color for something new.



FBC3D6



FFBAD2



C3FBCB



7D7075



BD0040

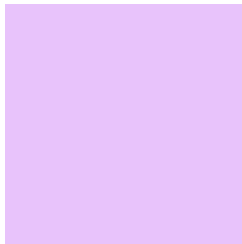


3D0015



# Previews

## White Background



This preview shows how the Hex color E8C3FB looks on a white background.

## Color Contrast Check

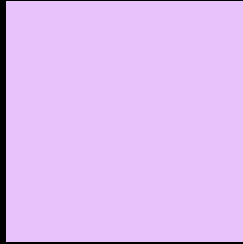
Large Text (above 18pt) WCAG AA × Fail

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 E8C3FB 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 E8C3FB Background



This preview shows how black text looks on a background with the Hex color E8C3FB.



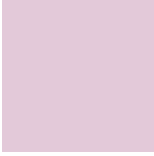
This preview shows how white text looks on a background with the Hex color E8C3FB.

# 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**  
E3C9D9

# Trichromacy



**Original Color**  
E8C3FB



**Protanomaly**  
D2CAFE



**Deuteranomaly**  
D9C9FA

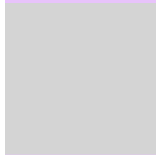


**Tritanomaly**  
E5C7E5

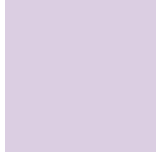
# Monochromacy



**Original Color**  
E8C3FB



**Achromatopsia**  
D4D4D4



**Achromatomaly**  
DBCEE2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E8C3FB 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 #E8C3FB looks like.

```
.text, #text, p{  
    color:#E8C3FB  
}
```

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 #E8C3FB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E8C3FB
}
```

## Border

The CSS property to change the border of an element to Hex E8C3FB 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
#E8C3FB }
```

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

```
.border{ border-color:#E8C3FB }
```

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

Here you see how a box with a 4 pixel #E8C3FB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E8C3FB; -webkit-box-shadow:4px 4px  
4px 4px #E8C3FB; box-shadow:4px 4px 4px  
4px #E8C3FB }
```

# Background

The CSS property to change the background color of an element to Hex E8C3FB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E8C3FB }
```

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

```
.background{ background-color:#E8C3FB }
```

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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