

# Converting Colors

Hex(E9C5FC)

Have a look what the booklet for  
Hex(E9C5FC) contains.

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# Color

**Hex(E9C5FC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E9C5FC
RGB	233, 197, 252
RGB Percent	91%, 77%, 99%
CMY	0.0863, 0.2275, 0.0118
CMYK	0.08, 0.22, 0.00, 0.01
HSL	279°, 90%, 88%
HSV	279°, 22%, 99%
XYZ	71.1412, 64.2844, 100.7540
YIQ	214.0340, 3.8010, 24.7370

# Conversions

## Conversions Part 2

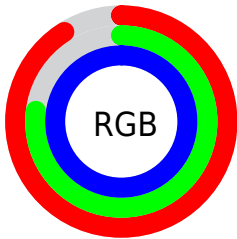
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	233, 197, 252
Decimal	15320572
CIE <sub>Lab</sub>	84.11, 22.45, -22.28
CIE <sub>LCh</sub>	84, 31.632, 315.212
Y <sub>xy</sub>	64.2844, 0.3012, 0.2722
Android (android.graphics.Color)	4293510652 (0xFFE9C5FC)
Y <sub>UV</sub>	214.0340, 18.7172, 16.6332
Hunter-Lab	80.1776, 18.0716, -18.3817

# Details

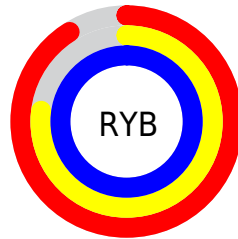
The Hex color **E9C5FC** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **D8FCC5**, and the grayscale version is **D6D6D6**.

A 20% lighter version of the original color is **FFFEFF**, and **B18FC3** is the 20% darker color. If you saturate the color by 10%, you get **E0ACFC**, and if you desaturate by 10%, it is **F2DEFC**.

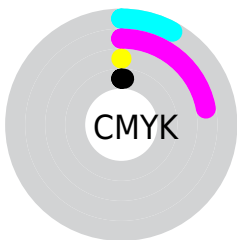
# Distribution



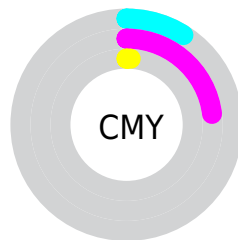
- Red (91%)
- Green (77%)
- Blue (99%)



- Red (91%)
- Yellow (77%)
- Blue (99%)



- Cyan (8%)
- Magenta (22%)
- Yellow (0%)
- Black (1%)



- Cyan (9%)
- Magenta (23%)
- Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E9C5FC 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 E9C5FC by changing the saturation by 10% instead.



 E9C5FC

 E9C5FC

FFFFFF

 CDAADF

FFFEFF

 B18FC3

 9675A8

 7C5C8D

 624474

 4A2E5B

 321843

 1D002D

 000118

 E9C5FC

 E9C5FC

 E0ACFC

 F2DEFC

 D893FC

 FAF7FC

 CF79FC

 FFFFFC

 C660FC

 BD47FC

 B52EFC

 AC15FC

 A500FC

# Harmonies

## Analogous

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



C2CFFF



E9C5FC



FFBEE2

# Triad

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



E9C5FC



F5CB99



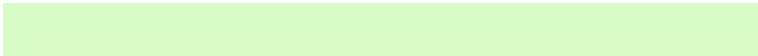
7BE2E0

# Complementary

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



E9C5FC



D8FCC5

# 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.



94E1C2



E9C5FC



D8D598

# Square

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



E9C5FC



FFC2A9



B6DDA7



7BE0FB

# Rectangle

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



E9C5FC



FFBCCE



B6DDA7



82E3D6



# Sweetspot

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



E9C5FC



F9EDFF



C5D8FC



7C7580



000000



808080



# Same Dimension

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



E9C5FC



E8BDFE



FCC5F4



79707D



7C00BD



28003D



# Inverse Universe

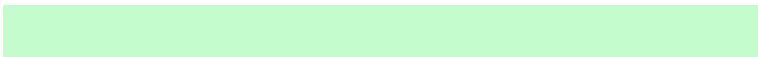
The Inverse Universe completely reimagines the original color for something new.



FCC5D8



FFBDD4



C5FCCD



7D7075



BD0041

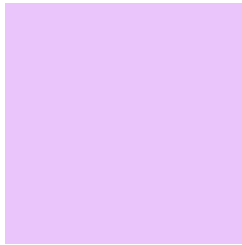


3D0015



# Previews

## White Background



This preview shows how the Hex color E9C5FC looks on a white background.

## Color Contrast Check

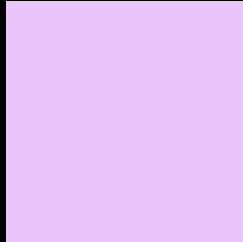
Large Text (above 18pt) WCAG AA × Fail

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 E9C5FC 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

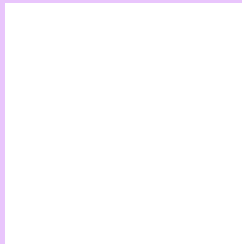
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E9C5FC Background



This preview shows how black text looks on a background with the Hex color E9C5FC.

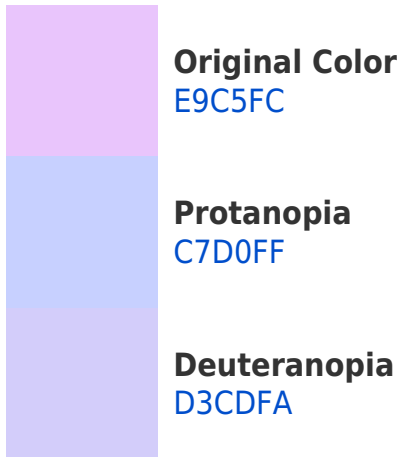


This preview shows how white text looks on a background with the Hex color E9C5FC.

# 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**  
E4CBDB

# Trichromacy



**Original Color**  
E9C5FC



**Protanomaly**  
D3CCFE



**Deuteranomaly**  
DBCAFB

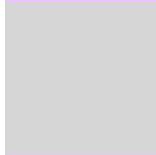


**Tritanomaly**  
E6C9E7

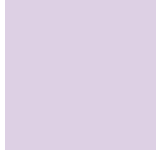
# Monochromacy



**Original Color**  
E9C5FC



**Achromatopsia**  
D6D6D6



**Achromatomaly**  
DDD0E4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E9C5FC 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 #E9C5FC looks like.

```
.text, #text, p{  
    color:#E9C5FC  
}
```

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 #E9C5FC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E9C5FC
}
```

## Border

The CSS property to change the border of an element to Hex E9C5FC 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
#E9C5FC }
```

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

```
.border{ border-color:#E9C5FC }
```

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

Here you see how a box with a 4 pixel #E9C5FC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E9C5FC; -webkit-box-shadow:4px 4px  
4px 4px #E9C5FC; box-shadow:4px 4px 4px  
4px #E9C5FC }
```

# Background

The CSS property to change the background color of an element to Hex E9C5FC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E9C5FC }
```

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

```
.background{ background-color:#E9C5FC }
```

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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