

# Converting Colors

Hex(E38AF7)

Have a look what the booklet for  
Hex(E38AF7) contains.

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# Color

**Hex(E38AF7)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E38AF7
RGB	227, 138, 247
RGB Percent	89%, 54%, 97%
CMY	0.1098, 0.4588, 0.0314
CMYK	0.08, 0.44, 0.00, 0.03
HSL	289°, 87%, 75%
HSV	289°, 44%, 97%
XYZ	57.5555, 41.2233, 92.9191
YIQ	177.0370, 18.0550, 52.7670

# Conversions

## Conversions Part 2

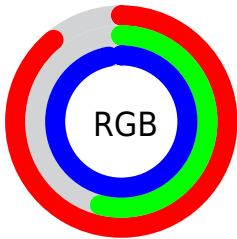
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	227, 138, 247
Decimal	14912247
CIE Lab	70.33, 50.89, -40.86
CIE LCh	70, 65.262, 321.242
Yxy	41.2233, 0.3002, 0.2150
Android (android.graphics.Color)	4293102327 (0xFFE38AF7)
YUV	177.0370, 34.4918, 43.8176
Hunter-Lab	64.2053, 47.6533, -40.8618

# Details

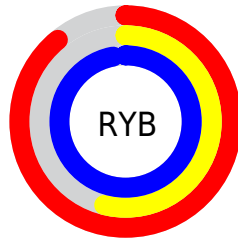
The Hex color **E38AF7** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **9EF78A**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **FFC1FF**, and **AA55BE** is the 20% darker color. If you saturate the color by 10%, you get **DE71F7**, and if you desaturate by 10%, it is **E8A3F7**.

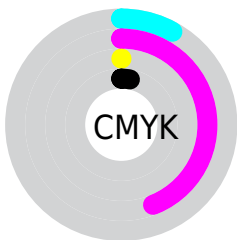
# Distribution



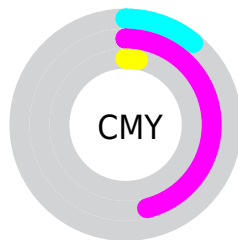
- Red (89%)
- Green (54%)
- Blue (97%)



- Red (89%)
- Yellow (54%)
- Blue (97%)



- Cyan (8%)
- Magenta (44%)
- Yellow (0%)
- Black (3%)



- Cyan (11%)
- Magenta (46%)
- Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E38AF7 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 E38AF7 by changing the saturation by 10% instead.



 E38AF7

FFFFFF

 FFC1FF

 FFDEFF

 FFFBFF

 E38AF7

 C66FDA

 AA55BE

 8E3AA3

 731F88

 58006E

 3E0055

 28003E

 000027

 000110

 E38AF7

 E38AF7

 DE71F7

 E8A3F7

 DA59F7

 ECBBF7

 D540F7

 F1D4F7

 D127F7

 F5EDF7

 CC0EF7

 FAFFF7

 CA00F7

 FEFFF7

 FFFFF7

# Harmonies

## Analogous

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



8DA3FF



E38AF7



FF76C0

# Triad

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



E38AF7



DAA32D



00C8D5

# Complementary

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



E38AF7



9EF78A

# 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.



00C798



E38AF7



A2B632

# Square

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



E38AF7



FF8B50



58C15E



00C4FF

# Rectangle

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



E38AF7



FF7598



58C15E



00C9C1



# Sweetspot

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



E38AF7



F9DEFF



8AA0F7



7C6B80



000000



808080



# Same Dimension

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



E38AF7



E678FF



F78AD6



786E7A



9800BA



30003B



# Inverse Universe

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



F78A9E



FF7891



8AF7AB



7A6E70



BA0022

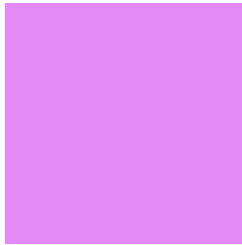


3B000B



# Previews

## White Background



This preview shows how the Hex color E38AF7 looks on a white background.

## Color Contrast Check

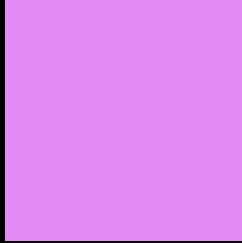
Large Text (above 18pt) WCAG AA × Fail

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 E38AF7 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 E38AF7 Background



This preview shows how black text looks on a background with the Hex color E38AF7.

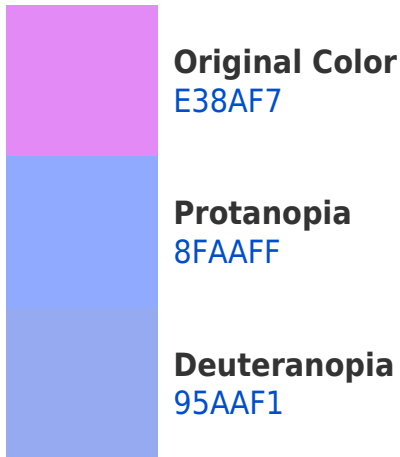


This preview shows how white text looks on a background with the Hex color E38AF7.

# 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](#).

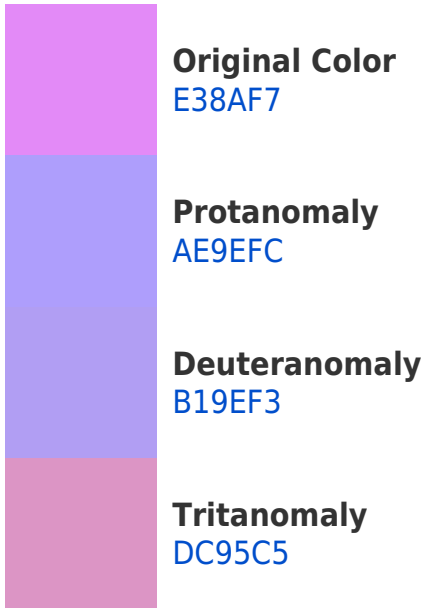
## Dichromacy



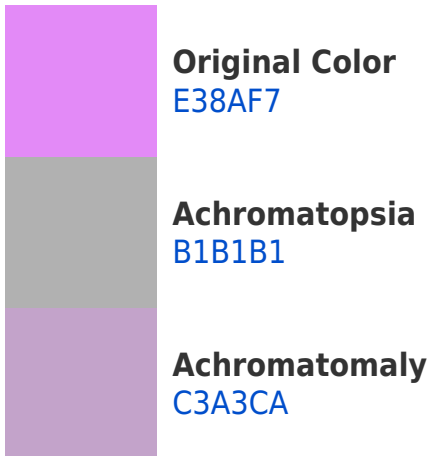


**Tritanopia**  
D89CA8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E38AF7 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 #E38AF7 looks like.

```
.text, #text, p{  
    color:#E38AF7  
}
```

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 #E38AF7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E38AF7
}
```

## Border

The CSS property to change the border of an element to Hex E38AF7 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
#E38AF7 }
```

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

```
.border{ border-color:#E38AF7 }
```

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

Here you see how a box with a 4 pixel #E38AF7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E38AF7; -webkit-box-shadow:4px 4px  
4px 4px #E38AF7; box-shadow:4px 4px 4px  
4px #E38AF7 }
```

# Background

The CSS property to change the background color of an element to Hex E38AF7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E38AF7 }
```

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

```
.background{ background-color:#E38AF7 }
```

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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