

# Converting Colors

Hex(E38ADF)

Have a look what the booklet for  
Hex(E38ADF) contains.

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# **Color**

**Hex(E38ADF)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | E38ADF                     |
| RGB         | 227, 138, 223              |
| RGB Percent | 89%, 54%, 87%              |
| CMY         | 0.1098, 0.4588, 0.1255     |
| CMYK        | 0.00, 0.39, 0.02, 0.11     |
| HSL         | 303°, 61%, 72%             |
| HSV         | 303°, 39%, 89%             |
| XYZ         | 54.0863, 39.8356, 74.6504  |
| YIQ         | 174.3010, 25.7590, 45.3030 |

# Conversions

## Conversions Part 2

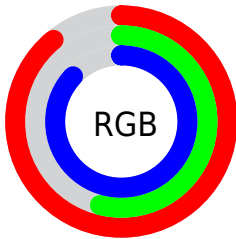
| <b>Format</b>                       | <b>Color</b>                                   |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">227, 138, 223</a>                  |
| Decimal                             | <a href="#">14912223</a>                       |
| CIELab                              | <a href="#">69.35, 46.44, -29.20</a>           |
| CIELCh                              | <a href="#">69, 54.854, 327.843</a>            |
| Yxy                                 | <a href="#">39.8356, 0.3208,<br/>0.2363</a>    |
| Android<br>(android.graphics.Color) | <a href="#">4293102303<br/>(0xFFE38ADF)</a>    |
| YUV                                 | <a href="#">174.3010, 24.0086,<br/>46.2170</a> |
| Hunter-Lab                          | <a href="#">63.1154, 42.5123,<br/>-25.9451</a> |

# Details

The Hex color **E38ADF** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **8AE38E**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **FFC1FF**, and **AA55A8** is the 20% darker color. If you saturate the color by 10%, you get **E373DE**, and if you desaturate by 10%, it is **E3A1E0**.

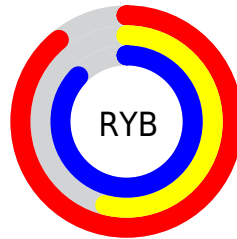
# Distribution



Red (89%)

Green (54%)

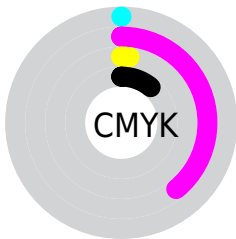
Blue (87%)



Red (89%)

Yellow (54%)

Blue (87%)

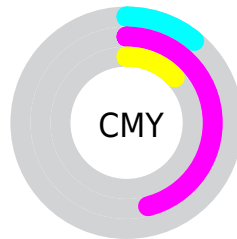


Cyan (0%)

Magenta (39%)

Yellow (2%)

Black (11%)



Cyan (11%)

Magenta (46%)

Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E38ADF 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 E38ADF by changing the saturation by 10% instead.



 E38ADF

FFFFFF

 FFC1FF

 FFDEFF

 FFFBFF

 E38ADF

 C66FC3

 AA55A8

 8E3B8D

 732073

 59005A

 400042

 2A002C

 000116

 000000

 E38ADF

 E38ADF

 E373DE

 E3A1E0

 E35DDD

 E3B7E1

 E346DC

 E3CEE2

 E32FDB

 E3E5E3

 E318DA

 E3FCE4

 E302D9

 E3FFE5

 E300D9

 E3FFE6

 E3FFE7

 E3FFE8

# Harmonies

## Analogous

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



A69EFF



E38ADF



FF7EAF

# Triad

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



E38ADF



C9A541



00C1D6

# Complementary

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



E38ADF



8AE38E

# 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.



00C2A4



E38ADF



97B44D

# Square

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



E38ADF



EF9356



57BD72



00BCFD

# Rectangle

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



E38ADF



FF7F8E



57BD72



00C2C6



# Sweetspot

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



E38ADF



FFE0FE



8D8AE3



806E7F



000000



808080



# Same Dimension

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



E38ADF



FF87FA



E38AB4



736772



B300AA



330031



# Inverse Universe

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



E38ADF



FF87FA



8AE3B9



736772



B300AA

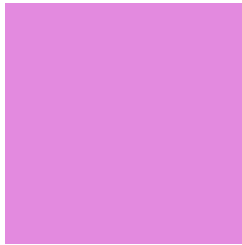


330031



# Previews

## White Background



This preview shows how the Hex color E38ADF looks on a white background.

## Color Contrast Check

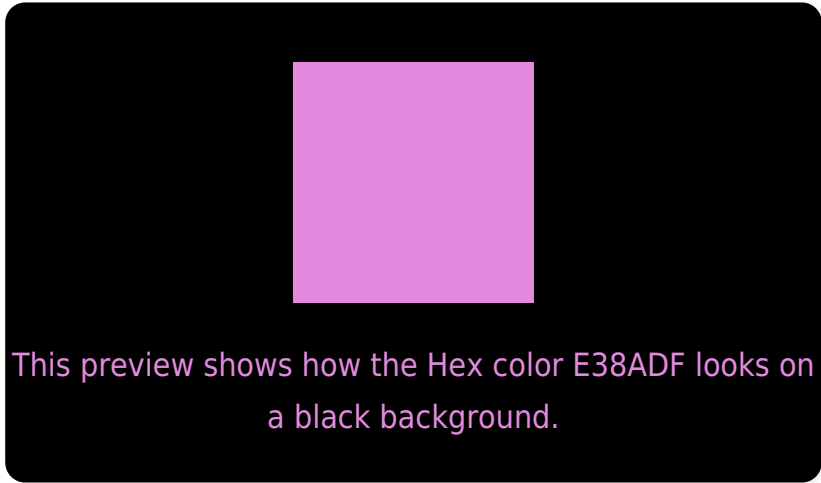
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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 E38ADF Background



This preview shows how black text looks on a background with the Hex color E38ADF.

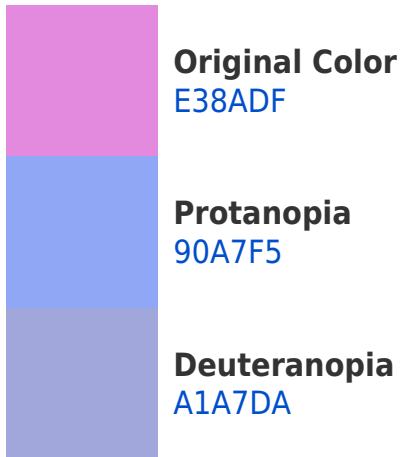


This preview shows how white text looks on a background with the Hex color E38ADF.

# 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**  
DB97A2

# Trichromacy



**Original Color**  
E38ADF



**Protanomaly**  
AE9CED



**Deuteranomaly**  
B99CDC



**Tritanomaly**  
DE92B8

# Monochromacy



**Original Color**  
E38ADF



**Achromatopsia**  
AEAEAE



**Achromatomaly**  
C1A1C0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E38ADF 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 #E38ADF looks like.

```
.text, #text, p{  
  color:#E38ADF  
}
```

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 #E38ADF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E38ADF
}
```

## Border

The CSS property to change the border of an element to Hex E38ADF 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
#E38ADF }
```

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

```
.border{ border-color:#E38ADF }
```

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

Here you see how a box with a 4 pixel #E38ADF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E38ADF; -webkit-box-shadow:4px 4px  
4px 4px #E38ADF; box-shadow:4px 4px 4px  
4px #E38ADF }
```

# Background

The CSS property to change the background color of an element to Hex E38ADF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E38ADF }
```

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

```
.background{ background-color:#E38ADF }
```

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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