

# Converting Colors

Hex(E38FE3)

Have a look what the booklet for  
Hex(E38FE3) contains.

<b>Hex(E38FE3)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(E38FE3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E38FE3
RGB	227, 143, 227
RGB Percent	89%, 56%, 89%
CMY	0.1098, 0.4392, 0.1098
CMYK	0.00, 0.37, 0.00, 0.11
HSL	300°, 60%, 73%
HSV	300°, 37%, 89%
XYZ	55.3661, 41.5219, 77.7695
YIQ	177.6920, 23.1000, 43.9320

# Conversions

## Conversions Part 2

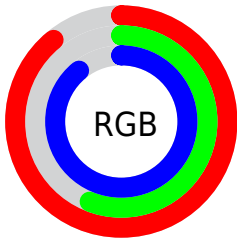
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	227, 143, 227
Decimal	14913507
CIE Lab	70.54, 44.56, -29.57
CIE LCh	71, 53.481, 326.432
Yxy	41.5219, 0.3170, 0.2377
Android (android.graphics.Color)	4293103587 (0xFFE38FE3)
YUV	177.6920, 24.3088, 43.2431
Hunter-Lab	64.4375, 40.6057, -26.4508

# Details

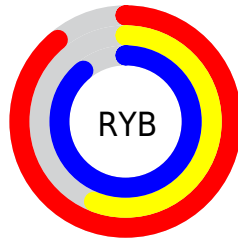
The Hex color **E38FE3** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **8FE38F**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **FFC6FF**, and **AA5AAB** is the 20% darker color. If you saturate the color by 10%, you get **E378E3**, and if you desaturate by 10%, it is **E3A6E3**.

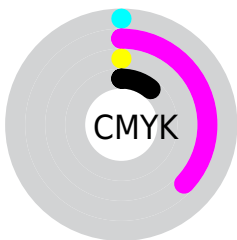
# Distribution



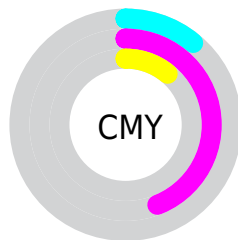
- Red (89%)
- Green (56%)
- Blue (89%)



- Red (89%)
- Yellow (56%)
- Blue (89%)



- Cyan (0%)
- Magenta (37%)
- Yellow (0%)
- Black (11%)



- Cyan (11%)
- Magenta (44%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E38FE3 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 E38FE3 by changing the saturation by 10% instead.



 E38FE3

 E38FE3

FFFFFF

 C674C7

 FFC6FF

 AA5AAB

 FFE3FF

 8F4191

 742777

 5A085E

 400046

 2B002F

 000019

 000000

 E38FE3

 E38FE3

 E378E3

 E3A6E3

 E362E3

 E3BCE3

 E34BE3

 E3D3E3

 E334E3

 E3EAE3

 E31EE3

 E3FFE3

 E307E3

 E300E3

# Harmonies

## Analogous

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



A6A2FF



E38FE3



FF83B4

# Triad

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



E38FE3



CEA848



00C4D6

# Complementary

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



E38FE3



8FE38F

# 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.



00C5A5



E38FE3



9EB751

# Square

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



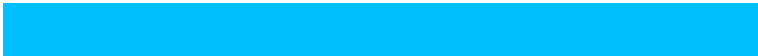
E38FE3



F2965C



61C075



00BFFD

# Rectangle

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



E38FE3



FF8494



61C075



00C5C6



# Sweetspot

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



E38FE3



FFE3FF



8F8FE3



806F80



000000



808080



# Same Dimension

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



E38FE3



FF8FFF



E38FB9



736773



B300B3



330033



# Inverse Universe

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



E38FE3



FF8FFF



8FE3B9



736773



B300B3



330033



# Previews

## White Background



This preview shows how the Hex color E38FE3 looks on a white background.

## Color Contrast Check

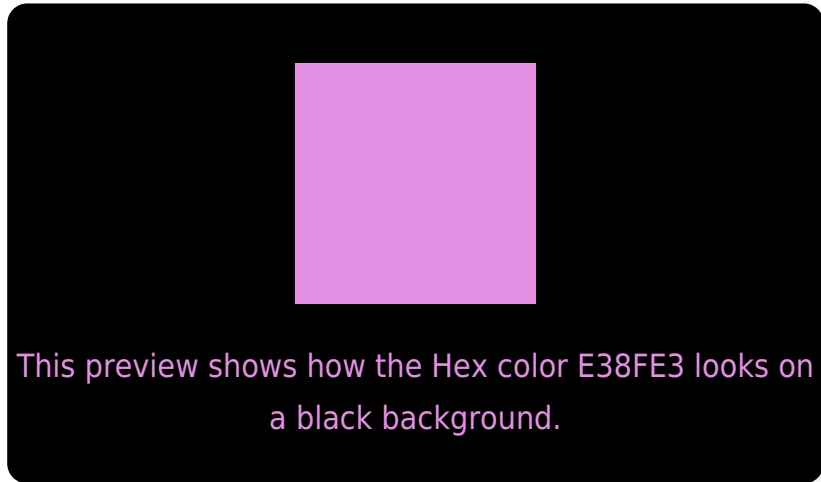
Large Text (above 18pt) WCAG AA × Fail

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

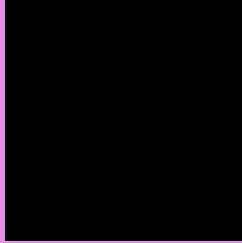
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E38FE3 Background



This preview shows how black text looks on a background with the Hex color E38FE3.

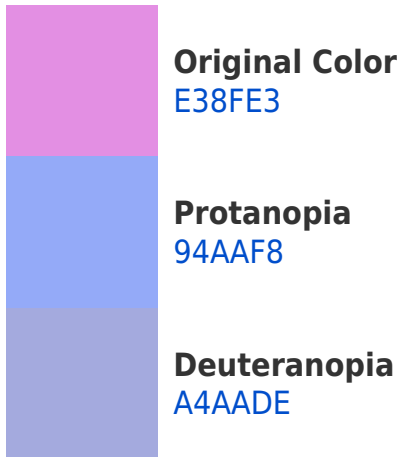


This preview shows how white text looks on a background with the Hex color E38FE3.

# 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



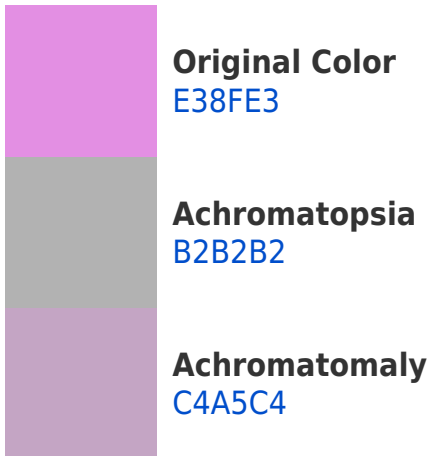


**Tritanopia**  
DB9BA7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E38FE3 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 #E38FE3 looks like.

```
.text, #text, p{  
    color:#E38FE3  
}
```

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 #E38FE3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E38FE3
}
```

## Border

The CSS property to change the border of an element to Hex E38FE3 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
#E38FE3 }
```

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

```
.border{ border-color:#E38FE3 }
```

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

Here you see how a box with a 4 pixel #E38FE3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E38FE3; -webkit-box-shadow:4px 4px  
4px 4px #E38FE3; box-shadow:4px 4px 4px  
4px #E38FE3 }
```

# Background

The CSS property to change the background color of an element to Hex E38FE3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E38FE3 }
```

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

```
.background{ background-color:#E38FE3 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor