

# Converting Colors

Hex(E48AF2)

Have a look what the booklet for  
Hex(E48AF2) contains.

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# **Color**

**Hex(E48AF2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E48AF2
RGB	228, 138, 242
RGB Percent	89%, 54%, 95%
CMY	0.1059, 0.4588, 0.0510
CMYK	0.06, 0.43, 0.00, 0.05
HSL	292°, 80%, 75%
HSV	292°, 43%, 95%
XYZ	57.1104, 41.0817, 88.9239
YIQ	176.7660, 20.2560, 51.4240

# Conversions

## Conversions Part 2

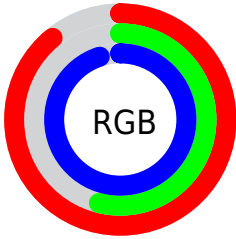
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	228, 138, 242
Decimal	14977778
CIE Lab	70.23, 50.22, -38.27
CIE LCh	70, 63.142, 322.695
Yxy	41.0817, 0.3052, 0.2196
Android (android.graphics.Color)	4293167858 (0xFFE48AF2)
YUV	176.7660, 32.1604, 44.9322
Hunter-Lab	64.0950, 46.8820, -37.3910

# Details

The Hex color **E48AF2** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **98F28A**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **FFC1FF**, and **AB55B9** is the 20% darker color. If you saturate the color by 10%, you get **E172F2**, and if you desaturate by 10%, it is **E7A2F2**.

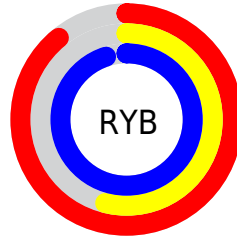
# Distribution



Red (89%)

Green (54%)

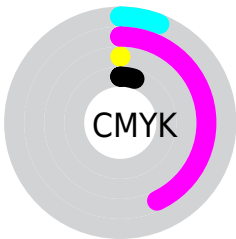
Blue (95%)



Red (89%)

Yellow (54%)

Blue (95%)

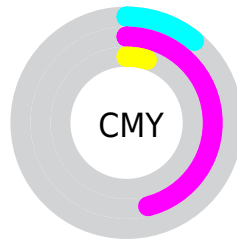


Cyan (6%)

Magenta (43%)

Yellow (0%)

Black (5%)



Cyan (11%)

Magenta (46%)

Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E48AF2 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 E48AF2 by changing the saturation by 10% instead.



 E48AF2

FFFFFF

 FFC1FF

 FFDEFF

 FFFBFF

 E48AF2

 C76FD5

 AB55B9

 8F3B9E

 741F84

 59006A

 3F0051

 29003A

 000023

 00000A

 E48AF2

 E48AF2

 E172F2

 E7A2F2

 DD5AF2

 EBBAF2

 DA41F2

 EED3F2

 D729F2

 F1EBF2

 D411F2

 F4FFF2

 D100F2

 F8FFF2

 FBFFF2

 FEFFF2

 FFFFF2

# Harmonies

## Analogous

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



94A2FF



E48AF2



FF78BC

# Triad

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



E48AF2



D6A431



00C7D6

# Complementary

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



E48AF2



98F28A

# 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.



00C79B



E48AF2



A0B639

# Square

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



E48AF2



FF8D51



57C163



00C2FF

# Rectangle

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



E48AF2



FF7796



57C163



00C8C3



# Sweetspot

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



E48AF2



FBDEFF



8A9AF2



7D6B80



000000



808080



# Same Dimension

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



E48AF2



ED7AFF



F28ACE



766C78



9F00B8



310038



# Inverse Universe

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



F28A98



FF7A8C



8AF2AE



786C6D



B80019

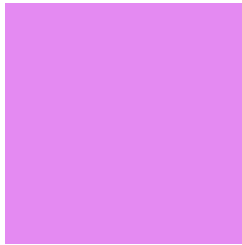


380008



# Previews

## White Background



This preview shows how the Hex color E48AF2 looks on a white background.

## Color Contrast Check

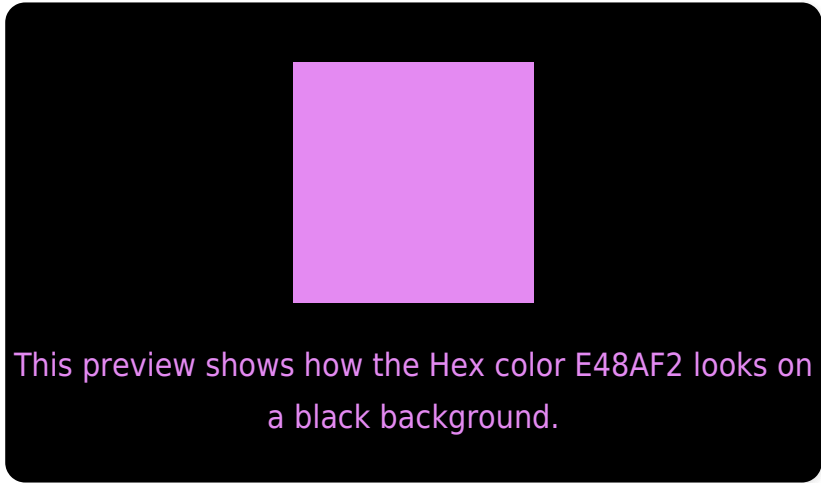
Large Text (above 18pt) WCAG AA × Fail

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

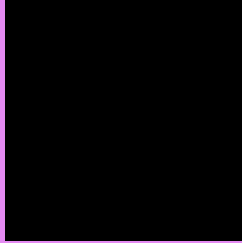
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E48AF2 Background



This preview shows how black text looks on a background with the Hex color E48AF2.

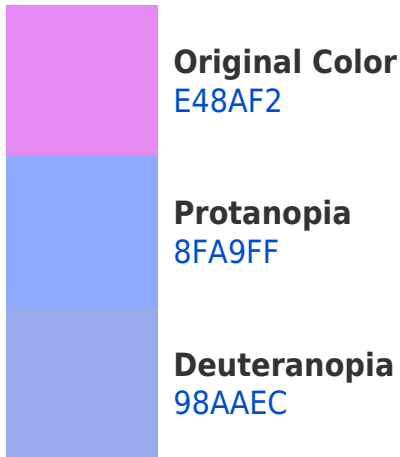


This preview shows how white text looks on a background with the Hex color E48AF2.

# 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**  
DA9BA7

# Trichromacy



**Original Color**  
E48AF2



**Protanomaly**  
AE9EFA



**Deuteranomaly**  
B49EEE

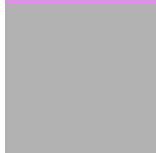


**Tritanomaly**  
DE95C2

# Monochromacy



**Original Color**  
E48AF2



**Achromatopsia**  
B1B1B1



**Achromatomaly**  
C4A3C9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E48AF2 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 #E48AF2 looks like.

```
.text, #text, p{  
    color:#E48AF2  
}
```

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 #E48AF2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E48AF2
}
```

## Border

The CSS property to change the border of an element to Hex E48AF2 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
#E48AF2 }
```

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

```
.border{ border-color:#E48AF2 }
```

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

Here you see how a box with a 4 pixel #E48AF2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E48AF2; -webkit-box-shadow:4px 4px  
4px 4px #E48AF2; box-shadow:4px 4px 4px  
4px #E48AF2 }
```

# Background

The CSS property to change the background color of an element to Hex E48AF2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E48AF2 }
```

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

```
.background{ background-color:#E48AF2 }
```

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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