

Converting Colors

Hex(E48AEA)

Have a look what the booklet for
Hex(E48AEA) contains.

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Color

Hex(E48AEA)

Conversions

Conversions Part 1

Format	Color
Hex	E48AEA
RGB	228, 138, 234
RGB Percent	89%, 54%, 92%
CMY	0.1059, 0.4588, 0.0824
CMYK	0.03, 0.41, 0.00, 0.08
HSL	296°, 70%, 73%
HSV	296°, 41%, 92%
XYZ	55.9347, 40.6115, 82.7326
YIQ	175.8540, 22.8240, 48.9360

Conversions

Conversions Part 2

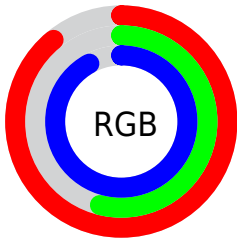
Format	Color
R _Y B	228, 138, 234
Decimal	14977770
CIE Lab	69.90, 48.73, -34.39
CIE LCh	70, 59.648, 324.787
Yxy	40.6115, 0.3120, 0.2265
Android (android.graphics.Color)	4293167850 (0xFFE48AEA)
YUV	175.8540, 28.6660, 45.7320
Hunter-Lab	63.7271, 45.1509, -32.3632

Details

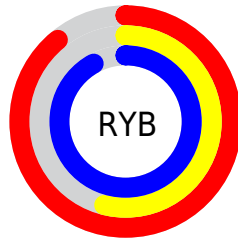
The Hex color **E48AEA** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **90EA8A**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **FFC1FF**, and **AB55B2** is the 20% darker color. If you saturate the color by 10%, you get **E373EA**, and if you desaturate by 10%, it is **E5A1EA**.

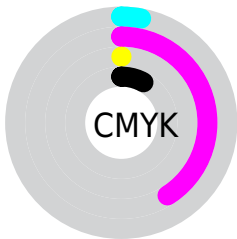
Distribution



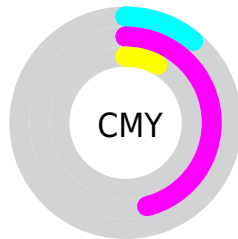
- Red (89%)
- Green (54%)
- Blue (92%)



- Red (89%)
- Yellow (54%)
- Blue (92%)



- Cyan (3%)
- Magenta (41%)
- Yellow (0%)
- Black (8%)



- Cyan (11%)
- Magenta (46%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color E48AEA 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 E48AEA by changing the saturation by 10% instead.

 E48AEA

 E48AEA

FFFFFF

 C76FCE

 FFC1FF

 AB55B2

 FFDEFF

 8F3B97

 FFFBFF

 741F7D

 5A0063

 40004B

 2B0034

 00001E

 000000

 E48AEA

 E48AEA

 E373EA

 E5A1EA

 E15BEA

 E7B9EA

 E044EA

 E8D0EA

 DE2CEA

 EAE8EA

 DD15EA

 EBFEEA

 DB00EA

 EDFEEA

 EEFFEA

 F0FFEA

 F1FFEA

Harmonies

Analogous

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



9DA0FF



E48AEA



FF7BB7

Triad

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



E48AEA



D1A538



00C5D7

Complementary

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



E48AEA



90EA8A

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.



00C59F



E48AEA



9CB542

Square

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



E48AEA



F89053



57C06A



00C0FF

Rectangle

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



E48AEA



FF7B92



57C06A



00C5C5

Sweetspot

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



E48AEA



FDE0FF



8A90EA



7E6E80



000000



808080

Same Dimension

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



E48AEA



F782FF



EA8AC0



756A75



AA00B5



320036

Inverse Universe

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



EA8A90



FF828A



8AEAB4



756A6A



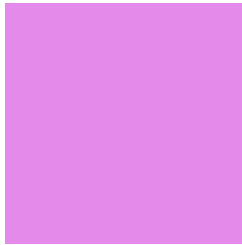
B5000B



360003

Previews

White Background



This preview shows how the Hex color E48AEA looks on a white background.

Color Contrast Check

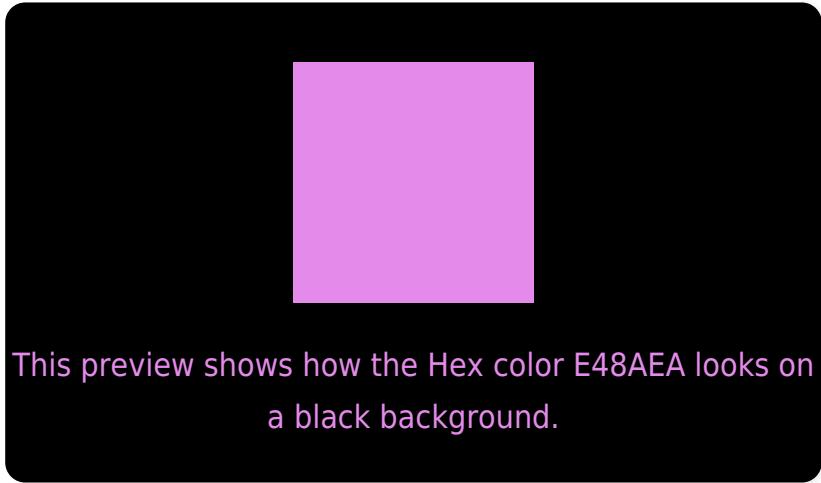
Large Text (above 18pt) WCAG AA × Fail

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

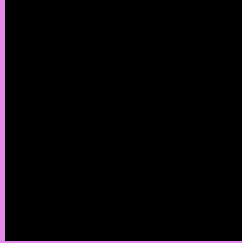
Any Text WCAG AA ✓ Pass

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 E48AEA Background



This preview shows how black text looks on a background with the Hex color E48AEA.




This preview shows how white text looks on a background with the Hex color E48AEA.

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](#).

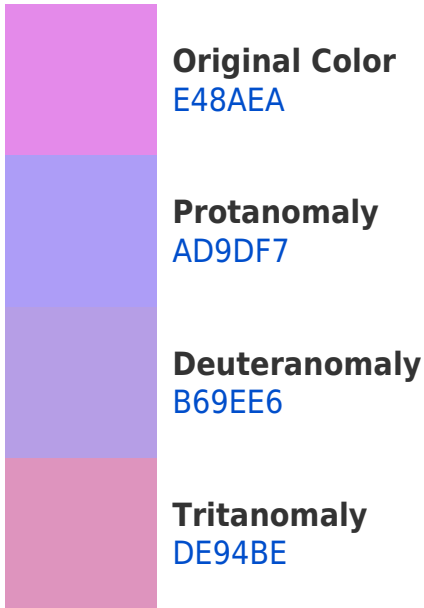
Dichromacy



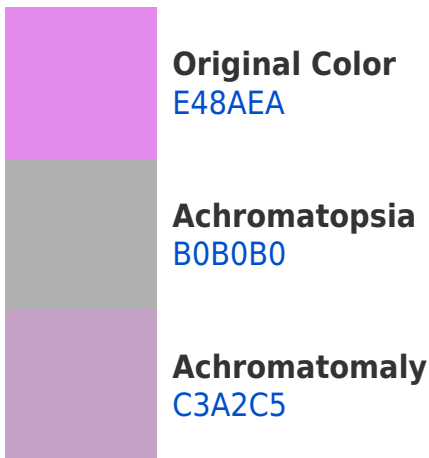


Tritanopia
DB99A5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E48AEA 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 #E48AEA looks like.

```
.text, #text, p{  
  color:#E48AEA  
}
```

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 #E48AEA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E48AEA
}
```

Border

The CSS property to change the border of an element to Hex E48AEA 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
#E48AEA }
```

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

```
.border{ border-color:#E48AEA }
```

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

Here you see how a box with a 4 pixel #E48AEA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E48AEA; -webkit-box-shadow:4px 4px  
4px 4px #E48AEA; box-shadow:4px 4px 4px  
4px #E48AEA }
```

Background

The CSS property to change the background color of an element to Hex E48AEA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E48AEA }
```

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

```
.background{ background-color:#E48AEA }
```

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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