

# Converting Colors

Hex(E48EC0)

Have a look what the booklet for  
Hex(E48EC0) contains.

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# **Color**

**Hex(E48EC0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E48EC0
RGB	228, 142, 192
RGB Percent	89%, 56%, 75%
CMY	0.1059, 0.4431, 0.2471
CMYK	0.00, 0.38, 0.16, 0.11
HSL	325°, 61%, 73%
HSV	325°, 38%, 89%
XYZ	51.1823, 39.6458, 54.8240
YIQ	173.4140, 35.2060, 33.7820

# Conversions

## Conversions Part 2

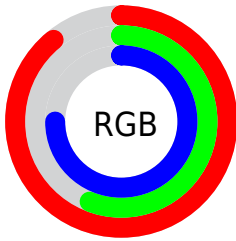
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	228, 142, 192
Decimal	14978752
CIE <sub>Lab</sub>	69.22, 39.47, -12.19
CIE <sub>LCh</sub>	69, 41.310, 342.843
Yxy	39.6458, 0.3514, 0.2722
Android (android.graphics.Color)	4293168832 (0xFFE48EC0)
YUV	173.4140, 9.1629, 47.8719
Hunter-Lab	62.9649, 34.9090, -7.5488

# Details

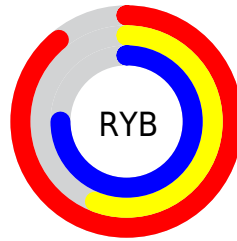
The Hex color **E48EC0** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **8EE4B2**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **FFC5F8**, and **AB5A8B** is the 20% darker color. If you saturate the color by 10%, you get **E477B6**, and if you desaturate by 10%, it is **E4A5CA**.

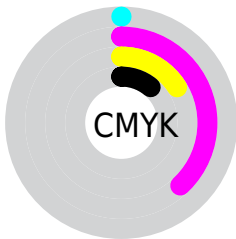
# Distribution



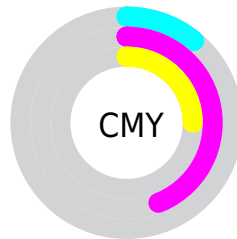
- Red (89%)
- Green (56%)
- Blue (75%)



- Red (89%)
- Yellow (56%)
- Blue (75%)



- Cyan (0%)
- Magenta (38%)
- Yellow (16%)
- Black (11%)



- Cyan (11%)
- Magenta (44%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E48EC0 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 E48EC0 by changing the saturation by 10% instead.



 E48EC0

 E48EC0

FFFFFF

 C774A5

 FFC5F8

 AB5A8B

 FFE1FF

 8F4071

FFFEFF

 752759

 5A0A41

 41002B

 2C0017

 000000

 E48EC0

 E48EC0

 E477B6

 E4A5CA

 E460AD

 E4BCD3

 E44AA3

 E4D2DD

 E4339A

 E4E9E6

 E41C90

 E4FFF0

 E40587

 E4FFF9

 E40085

 E4FFFF

# Harmonies

## Analogous

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



C199E0



E48EC0



F18B9A

# Triad

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



E48EC0



B1AC5E



00BADB

# Complementary

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



E48EC0



8EE4B2

# 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.



00BDB8



E48EC0



88B671

# Square

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



E48EC0



D39F61



56BB92



42B3F0

# Rectangle

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



E48EC0



EF8F82



56BB92



00BCD0



# Sweetspot

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



E48EC0



FFE3F3



B28EE4



806F79



000000



808080



# Same Dimension

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



E48EC0



FF8CCF



E48E95



73676E



B30068



33001E



# Inverse Universe

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



E48EC0



FF8CCF



8EE4DD



73676E



B30068

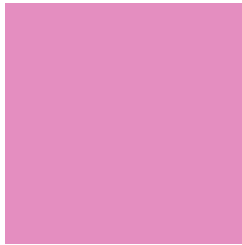


33001E



# Previews

## White Background



This preview shows how the Hex color E48EC0 looks on a white background.

## Color Contrast Check

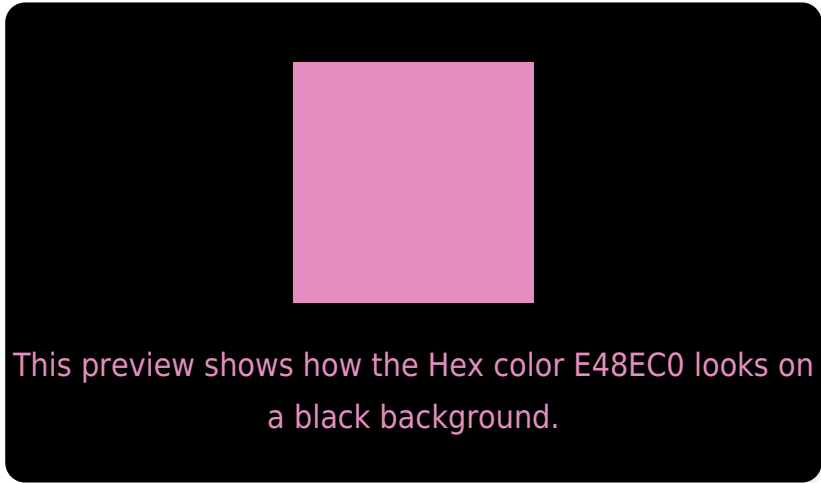
Large Text (above 18pt) WCAG AA × Fail

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 E48EC0 Background



This preview shows how black text looks on a background with the Hex color E48EC0.

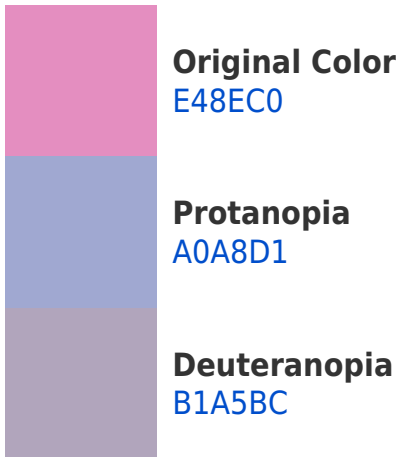


This preview shows how white text looks on a background with the Hex color E48EC0.

# 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**  
E0949F

# Trichromacy



**Original Color**  
E48EC0



**Protanomaly**  
B99FCB



**Deuteranomaly**  
C49DBD

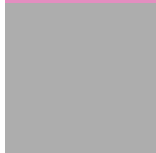


**Tritanomaly**  
E192AB

# Monochromacy



**Original Color**  
E48EC0



**Achromatopsia**  
ADADAD



**Achromatomaly**  
C1A2B4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E48EC0 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 #E48EC0 looks like.

```
.text, #text, p{  
    color:#E48EC0  
}
```

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 #E48EC0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E48EC0
}
```

## Border

The CSS property to change the border of an element to Hex E48EC0 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
#E48EC0 }
```

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

```
.border{ border-color:#E48EC0 }
```

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

Here you see how a box with a 4 pixel #E48EC0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E48EC0; -webkit-box-shadow:4px 4px  
4px 4px #E48EC0; box-shadow:4px 4px 4px  
4px #E48EC0 }
```

# Background

The CSS property to change the background color of an element to Hex E48EC0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E48EC0 }
```

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

```
.background{ background-color:#E48EC0 }
```

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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