

# Converting Colors

Hex(E49ACE)

Have a look what the booklet for  
Hex(E49ACE) contains.

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# **Color**

**Hex(E49ACE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E49ACE
RGB	228, 154, 206
RGB Percent	89%, 60%, 81%
CMY	0.1059, 0.3961, 0.1922
CMYK	0.00, 0.32, 0.10, 0.11
HSL	318°, 58%, 75%
HSV	318°, 32%, 89%
XYZ	54.6911, 44.0614, 64.0147
YIQ	182.0540, 27.4120, 31.8600

# Conversions

## Conversions Part 2

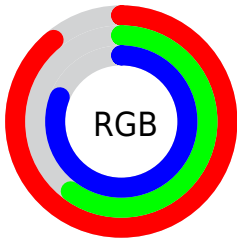
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	228, 154, 206
Decimal	14981838
CIE <sub>Lab</sub>	72.27, 35.40, -15.36
CIE <sub>LCh</sub>	72, 38.591, 336.548
Yxy	44.0614, 0.3360, 0.2707
Android (android.graphics.Color)	4293171918 (0xFFE49ACE)
YUV	182.0540, 11.8054, 40.2946
Hunter-Lab	66.3788, 30.9076, -10.7132

# Details

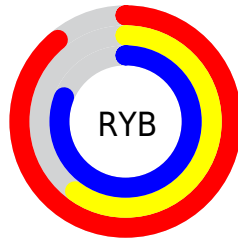
The Hex color **E49ACE** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **9AE4B0**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **FFD1FF**, and **AB6698** is the 20% darker color. If you saturate the color by 10%, you get **E483C7**, and if you desaturate by 10%, it is **E4B1D5**.

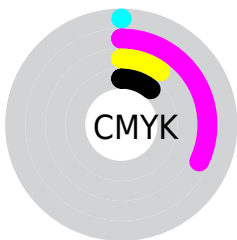
# Distribution



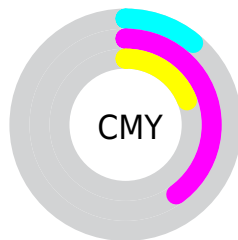
- Red (89%)
- Green (60%)
- Blue (81%)



- Red (89%)
- Yellow (60%)
- Blue (81%)



- Cyan (0%)
- Magenta (32%)
- Yellow (10%)
- Black (11%)



- Cyan (11%)
- Magenta (40%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E49ACE 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 E49ACE by changing the saturation by 10% instead.



 E49ACE

 E49ACE

FFFFFF

 C77FB2

 FFD1FF

 AB6698

 FFEEFF

 904C7E

 763465

 5C1B4D

 430036

 2D0021

 030005

 000000

 E49ACE

 E49ACE

 E483C7

 E4B1D5

 E46CC0

 E4C8DC

 E456BA

 E4DEE2

 E43FB3

 E4F5E9

 E428AC

 E4FFF0

 E411A5

 E4FFF7

 E400A0

 E4FFFD

 E4FFFF

# Harmonies

## Analogous

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



BFA5EA



E49ACE



F596AB

# Triad

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



E49ACE



C1B26A



19C2DA

# Complementary

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



E49ACE



9AE4B0

# 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.



3FC4B8



E49ACE



9BBC77

# Square

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



E49ACE



E0A571



70C294



4DBC F1

# Rectangle

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



E49ACE



F59893



70C294



1EC4D0



# Sweetspot

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



E49ACE



FFE6F7



AF9AE4



80707B



000000



808080



# Same Dimension

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



E49ACE



FF9CE1



E49AAA



73676F



B3007D



330024



# Inverse Universe

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



E49ACE



FF9CE1



9AE4D4



73676F



B3007D

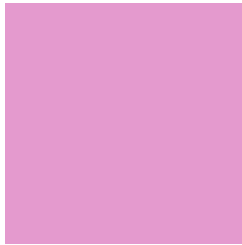


330024



# Previews

## White Background



This preview shows how the Hex color E49ACE looks on a white background.

## Color Contrast Check

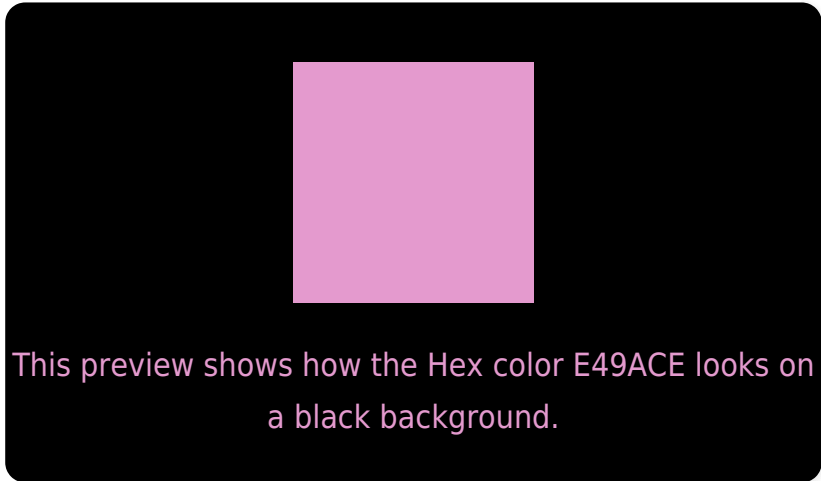
Large Text (above 18pt) WCAG AA × Fail

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 E49ACE Background



This preview shows how black text looks on a background with the Hex color E49ACE.

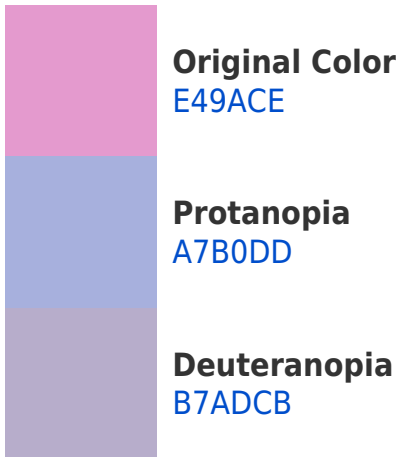


This preview shows how white text looks on a background with the Hex color E49ACE.

# 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





# Trichromacy



**Original Color**  
E49ACE



**Protanomaly**  
BDA8D8



**Deuteranomaly**  
C7A6CC

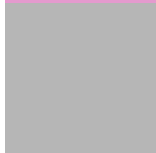


**Tritanomaly**  
E19EB8

# Monochromacy



**Original Color**  
E49ACE



**Achromatopsia**  
B6B6B6



**Achromatomaly**  
C7ACBF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E49ACE 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 #E49ACE looks like.

```
.text, #text, p{  
    color:#E49ACE  
}
```

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 #E49ACE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E49ACE
}
```

## Border

The CSS property to change the border of an element to Hex E49ACE 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
#E49ACE }
```

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

```
.border{ border-color:#E49ACE }
```

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

Here you see how a box with a 4 pixel #E49ACE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E49ACE; -webkit-box-shadow:4px 4px  
4px 4px #E49ACE; box-shadow:4px 4px 4px  
4px #E49ACE }
```

# Background

The CSS property to change the background color of an element to Hex E49ACE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E49ACE }
```

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

```
.background{ background-color:#E49ACE }
```

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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