

# Converting Colors

Hex(E49EC3)

Have a look what the booklet for  
Hex(E49EC3) contains.

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# **Color**

**Hex(E49EC3)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | E49EC3                     |
| RGB         | 228, 158, 195              |
| RGB Percent | 89%, 62%, 76%              |
| CMY         | 0.1059, 0.3804, 0.2353     |
| CMYK        | 0.00, 0.31, 0.14, 0.11     |
| HSL         | 328°, 56%, 76%             |
| HSV         | 328°, 31%, 89%             |
| XYZ         | 54.0721, 44.8878, 57.4441  |
| YIQ         | 183.1480, 29.8430, 26.3470 |

# Conversions

## Conversions Part 2

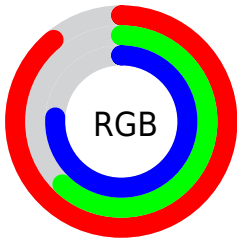
| Format                              | Color                        |
|-------------------------------------|------------------------------|
| R <sub>Y</sub> B                    | 228, 158, 195                |
| Decimal                             | 14982851                     |
| CIE Lab                             | 72.82, 31.46, -8.47          |
| CIE LCh                             | 73, 32.585, 344.930          |
| Yxy                                 | 44.8878, 0.3457,<br>0.2870   |
| Android<br>(android.graphics.Color) | 4293172931<br>(0xFFE49EC3)   |
| YUV                                 | 183.1480, 5.8430,<br>39.3352 |
| Hunter-Lab                          | 66.9984, 26.8141,<br>-3.9361 |

# Details

The Hex color **E49EC3** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **9EE4BF**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **FFD5FC**, and **AB6A8D** is the 20% darker color. If you saturate the color by 10%, you get **E487B8**, and if you desaturate by 10%, it is **E4B5CE**.

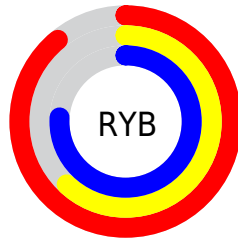
# Distribution



Red (89%)

Green (62%)

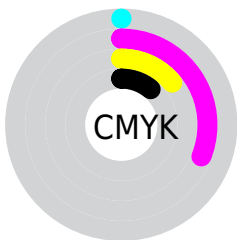
Blue (76%)



Red (89%)

Yellow (62%)

Blue (76%)

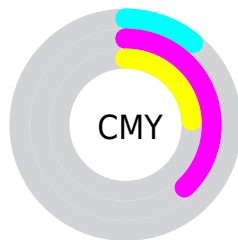


Cyan (0%)

Magenta (31%)

Yellow (14%)

Black (11%)



Cyan (11%)

Magenta (38%)

Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E49EC3 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 E49EC3 by changing the saturation by 10% instead.



 E49EC3

 E49EC3

FFFFFF

 C783A8

 FFD5FC

 AB6A8D

 FFF2FF

 905174

 76385B

 5C2144

 43072D

 2D0019

 010000

 000000

 E49EC3

 E49EC3

 E487B8

 E4B5CE

 E470AE

 E4CCD8

 E45AA3

 E4E2E3

 E44398

 E4F9EE

 E42C8D

 E4FFF9

 E41583

 E4FFFF

 E40079

# Harmonies

## Analogous

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



C9A6DD



E49EC3



EE9DA5

# Triad

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



E49EC3



B8B679



53C0DC

# Complementary

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



E49EC3



9EE4BF

# 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.



56C3C1



E49EC3



97BD88

# Square

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



E49EC3



D5AC7A



74C2A2



74BAEC

# Rectangle

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



E49EC3



ECA092



74C2A2



4FC2D4



# Sweetspot

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



E49EC3



FFE8F4



BF9EE4



807179



000000



808080



# Same Dimension

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



E49EC3



FFA1D3



E49EA0



73676D



B3005E



33001B



# Inverse Universe

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



E49EC3



FFA1D3



9EE4E2



73676D



B3005E

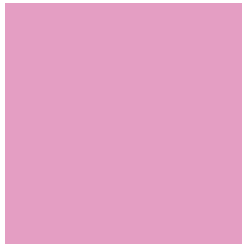


33001B



# Previews

## White Background



This preview shows how the Hex color E49EC3 looks on a white background.

## Color Contrast Check

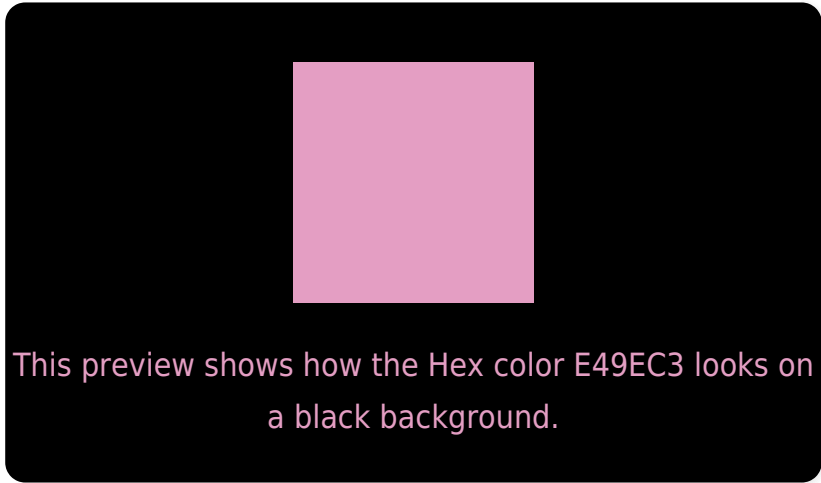
Large Text (above 18pt) WCAG AA × Fail

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 E49EC3 Background



This preview shows how black text looks on a background with the Hex color E49EC3.



This preview shows how white text looks on a background with the Hex color E49EC3.

# 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**  
E2A2AE

# Trichromacy



**Original Color**  
E49EC3



**Protanomaly**  
C2ABCB



**Deuteranomaly**  
CCA8C1

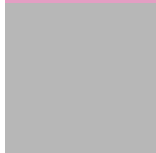


**Tritanomaly**  
E3A1B6

# Monochromacy



**Original Color**  
E49EC3



**Achromatopsia**  
B7B7B7



**Achromatomaly**  
C7AEBB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E49EC3 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 #E49EC3 looks like.

```
.text, #text, p{  
    color:#E49EC3  
}
```

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 #E49EC3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E49EC3  
}
```

## Border

The CSS property to change the border of an element to Hex E49EC3 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  
#E49EC3 }
```

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

```
.border{ border-color:#E49EC3 }
```

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

Here you see how a box with a 4 pixel #E49EC3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E49EC3; -webkit-box-shadow:4px 4px  
4px 4px #E49EC3; box-shadow:4px 4px 4px  
4px #E49EC3 }
```

# Background

The CSS property to change the background color of an element to Hex E49EC3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E49EC3 }
```

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

```
.background{ background-color:#E49EC3 }
```

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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