

# Converting Colors

Hex(E89EC6)

Have a look what the booklet for  
Hex(E89EC6) contains.

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# Color

**Hex(E89EC6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E89EC6
RGB	232, 158, 198
RGB Percent	91%, 62%, 78%
CMY	0.0902, 0.3804, 0.2235
CMYK	0.00, 0.32, 0.15, 0.09
HSL	328°, 62%, 76%
HSV	328°, 32%, 91%
XYZ	55.6986, 45.6867, 59.3089
YIQ	184.6860, 31.2640, 28.1280

# Conversions

## Conversions Part 2

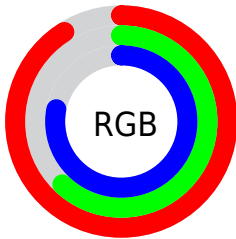
Format	Color
R <sub>Y</sub> B	232, 158, 198
Decimal	15244998
CIE Lab	73.34, 33.32, -9.30
CIE LCh	73, 34.592, 344.406
Yxy	45.6867, 0.3466, 0.2843
Android (android.graphics.Color)	4293435078 (0xFFE89EC6)
YUV	184.6860, 6.5638, 41.4944
Hunter-Lab	67.5920, 28.8055, -4.7099

# Details

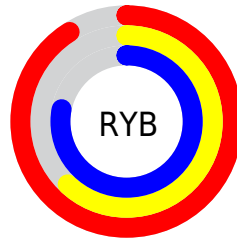
The Hex color **E89EC6** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **9EE8C0**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **FFD5FF**, and **AF6990** is the 20% darker color. If you saturate the color by 10%, you get **E887BB**, and if you desaturate by 10%, it is **E8B5D1**.

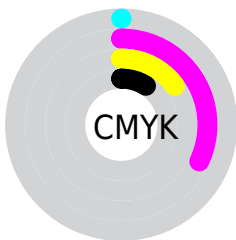
# Distribution



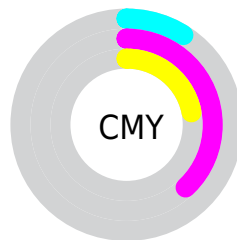
- Red (91%)
- Green (62%)
- Blue (78%)



- Red (91%)
- Yellow (62%)
- Blue (78%)



- Cyan (0%)
- Magenta (32%)
- Yellow (15%)
- Black (9%)



- Cyan (9%)
- Magenta (38%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E89EC6 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 E89EC6 by changing the saturation by 10% instead.



 E89EC6

 E89EC6

FFFFFF

 CB83AB

 FFD5FF

 AF6990

 FFF2FF

 945077

 79385E

 5F2046

 460530

 2F001B

 0C0000

 000000

 E89EC6

 E89EC6

 E887BB

 E8B5D1

 E870B1

 E8CCDB

 E858A6

 E8E4E6

 E8419B

 E8FBF1

 E82A91

 E8FFFB

 E81386

 E8FFFF

 E8007D

# Harmonies

## Analogous

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



CBA7E2



E89EC6



F39CA6

# Triad

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



E89EC6



BAB776



49C3DF

# Complementary

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



E89EC6



9EE8C0

# 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.



4EC5C3



E89EC6



97BF86

# Square

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



E89EC6



D8AC77



71C4A2



6FBCF0

# Rectangle

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



E89EC6



F1A092



71C4A2



45C4D7



# Sweetspot

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



E89EC6



FFE6F3



BF9EE8



807078



000000



808080



# Same Dimension

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



E89EC6



FF9ED2



E89EA2



73676D



B30060



33001C



# Inverse Universe

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



E89EC6



FF9ED2



9EE8E4



73676D



B30060

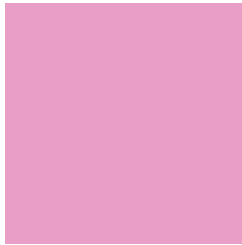


33001C



# Previews

## White Background



This preview shows how the Hex color E89EC6 looks on a white background.

## Color Contrast Check

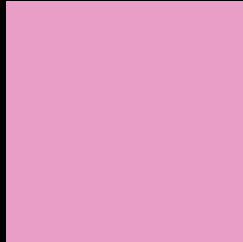
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color E89EC6 looks on a 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 E89EC6 Background



This preview shows how black text looks on a background with the Hex color E89EC6.

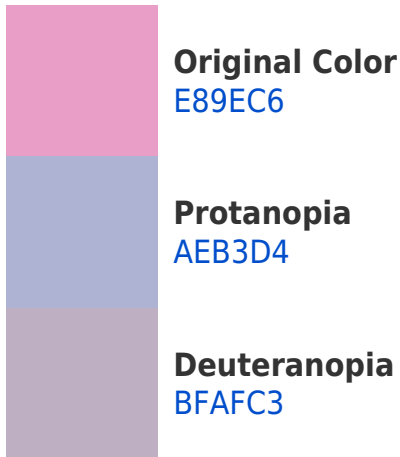


This preview shows how white text looks on a background with the Hex color E89EC6.

# 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**  
E5A2AF

# Trichromacy



**Original Color**  
E89EC6



**Protanomaly**  
C3ABCF



**Deuteranomaly**  
CEA9C4

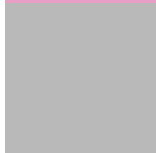


**Tritanomaly**  
E6A1B7

# Monochromacy



**Original Color**  
E89EC6



**Achromatopsia**  
B9B9B9



**Achromatomaly**  
CAAFBE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E89EC6 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 #E89EC6 looks like.

```
.text, #text, p{  
    color:#E89EC6  
}
```

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 #E89EC6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E89EC6
}
```

## Border

The CSS property to change the border of an element to Hex E89EC6 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
#E89EC6 }
```

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

```
.border{ border-color:#E89EC6 }
```

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

Here you see how a box with a 4 pixel #E89EC6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E89EC6; -webkit-box-shadow:4px 4px  
4px 4px #E89EC6; box-shadow:4px 4px 4px  
4px #E89EC6 }
```

# Background

The CSS property to change the background color of an element to Hex E89EC6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E89EC6 }
```

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

```
.background{ background-color:#E89EC6 }
```

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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