

# Converting Colors

Hex(E58EB9)

Have a look what the booklet for  
Hex(E58EB9) contains.

<b>Hex(E58EB9)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(E58EB9)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E58EB9
RGB	229, 142, 185
RGB Percent	90%, 56%, 73%
CMY	0.1020, 0.4431, 0.2745
CMYK	0.00, 0.38, 0.19, 0.10
HSL	330°, 63%, 73%
HSV	330°, 38%, 90%
XYZ	50.7431, 39.5068, 50.8501
YIQ	172.9150, 38.0490, 31.8170

# Conversions

## Conversions Part 2

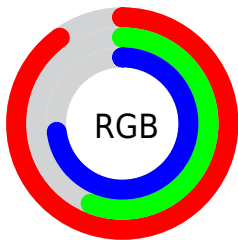
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	229, 142, 185
Decimal	15044281
CIE <sub>Lab</sub>	69.12, 38.73, -8.42
CIE <sub>LCh</sub>	69, 39.638, 347.741
Yxy	39.5068, 0.3596, 0.2800
Android (android.graphics.Color)	4293234361 (0xFFE58EB9)
YUV	172.9150, 5.9579, 49.1865
Hunter-Lab	62.8544, 34.1097, -3.9683

# Details

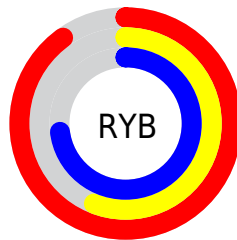
The Hex color **E58EB9** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **8EE5BA**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **FFC5F1**, and **AC5A84** is the 20% darker color. If you saturate the color by 10%, you get **E577AD**, and if you desaturate by 10%, it is **E5A5C5**.

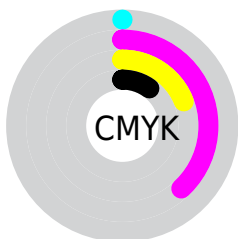
# Distribution



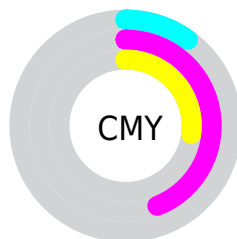
- Red (90%)
- Green (56%)
- Blue (73%)



- Red (90%)
- Yellow (56%)
- Blue (73%)



- Cyan (0%)
- Magenta (38%)
- Yellow (19%)
- Black (10%)



- Cyan (10%)
- Magenta (44%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E58EB9 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 E58EB9 by changing the saturation by 10% instead.



 E58EB9

 E58EB9

FFFFFF

 C8749E

 FFC5F1

 AC5A84

 FFE1FF

 90406B

FFFEFF

 752753

 5B0B3B

 410026

 2C0011

 000000

 E58EB9

 E58EB9

 E577AD

 E5A5C5

 E560A2

 E5BCD0

 E54996

 E5D3DC

 E5328B

 E5EAE7

 E51C7F

 E5FFF3

 E50574

 E5FFFE

 E50071

 E5FFFF

# Harmonies

## Analogous

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



C798D9



E58EB9



EF8D95

# Triad

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



E58EB9



ABAD63



00B8DD

# Complementary

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



E58EB9



8EE5BA

# 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.



00BCBD



E58EB9



82B677

# Square

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



E58EB9



CDA162



52BB98



57B1EE

# Rectangle

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



E58EB9



EA927F



52BB98



00BAD4



# Sweetspot

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



E58EB9



FFE3F1



BA8EE5



806F77



000000



808080



# Same Dimension

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



E58EB9



FF8AC4



E58E8E



73676D



B30058



330019



# Inverse Universe

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



E58EB9



FF8AC4



8EE5E5



73676D



B30058



330019



# Previews

## White Background



This preview shows how the Hex color E58EB9 looks on a white background.

## Color Contrast Check

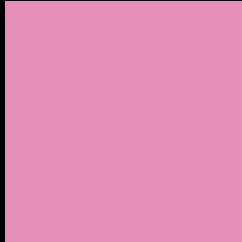
Large Text (above 18pt) WCAG AA × Fail

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 E58EB9 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 E58EB9 Background



This preview shows how black text looks on a background with the Hex color E58EB9.

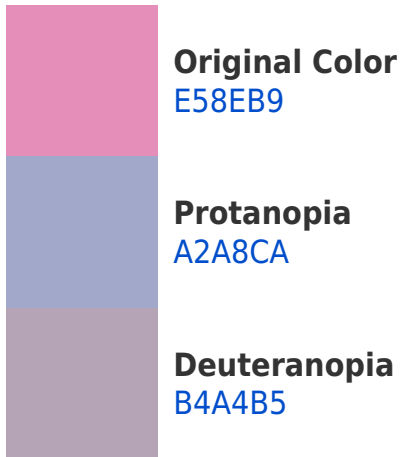


This preview shows how white text looks on a background with the Hex color E58EB9.

# 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**  
E2939E

# Trichromacy



**Original Color**  
E58EB9



**Protanomaly**  
BA9FC4



**Deuteranomaly**  
C69CB6

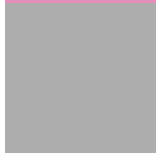


**Tritanomaly**  
E391A8

# Monochromacy



**Original Color**  
E58EB9



**Achromatopsia**  
ADADAD



**Achromatomaly**  
C1A2B1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E58EB9 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 #E58EB9 looks like.

```
.text, #text, p{  
    color:#E58EB9  
}
```

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 #E58EB9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E58EB9
}
```

## Border

The CSS property to change the border of an element to Hex E58EB9 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
#E58EB9 }
```

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

```
.border{ border-color:#E58EB9 }
```

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

Here you see how a box with a 4 pixel #E58EB9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E58EB9; -webkit-box-shadow:4px 4px  
4px 4px #E58EB9; box-shadow:4px 4px 4px  
4px #E58EB9 }
```

# Background

The CSS property to change the background color of an element to Hex E58EB9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E58EB9 }
```

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

```
.background{ background-color:#E58EB9 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor