

# Converting Colors

Hex(E89BB8)

Have a look what the booklet for  
Hex(E89BB8) contains.

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# **Color**

**Hex(E89BB8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E89BB8
RGB	232, 155, 184
RGB Percent	91%, 61%, 72%
CMY	0.0902, 0.3922, 0.2784
CMYK	0.00, 0.33, 0.21, 0.09
HSL	337°, 63%, 76%
HSV	337°, 33%, 91%
XYZ	53.6518, 44.0592, 51.0239
YIQ	181.3290, 36.5830, 25.3430

# Conversions

## Conversions Part 2

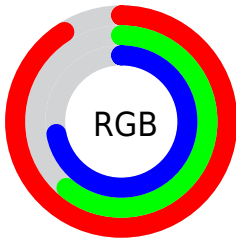
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	232, 155, 184
Decimal	15244216
CIE Lab	72.27, 32.76, -3.16
CIE LCh	72, 32.910, 354.490
Yxy	44.0592, 0.3607, 0.2962
Android (android.graphics.Color)	4293434296 (0xFFE89BB8)
YUV	181.3290, 1.3168, 44.4385
Hunter-Lab	66.3771, 28.1194, 0.8879

# Details

The Hex color **E89BB8** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **9BE8CB**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **FFD2F0**, and **AF6783** is the 20% darker color. If you saturate the color by 10%, you get **E884AA**, and if you desaturate by 10%, it is **E8B2C6**.

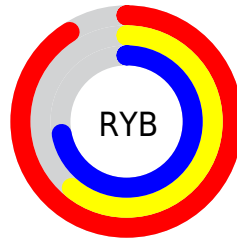
# Distribution



Red (91%)

Green (61%)

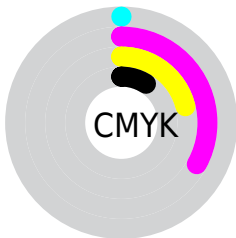
Blue (72%)



Red (91%)

Yellow (61%)

Blue (72%)

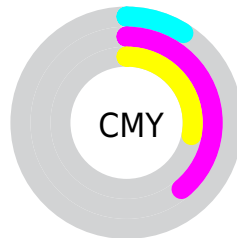


Cyan (0%)

Magenta (33%)

Yellow (21%)

Black (9%)



Cyan (9%)

Magenta (39%)

Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E89BB8 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 E89BB8 by changing the saturation by 10% instead.



 E89BB8

 E89BB8

FFFFFF

 CB809D

 FFD2F0

 AF6783

 FFEFFF

 934E6A

 793552

 5E1D3B

 450225

 2E0010

 000000

 E89BB8

 E89BB8

 E884AA

 E8B2C6

 E86D9B

 E8C9D5

 E8558D

 E8E1E3

 E83E7E

 E8F8F2

 E82770

 E8FFFF

 E81061

 E80057

# Harmonies

## Analogous

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



D2A1D5



E89BB8



ED9C9A

# Triad

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



E89BB8



ACB77A



57BDE1

# Complementary

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



E89BB8



9BE8CB

# 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.



4DC1C9



E89BB8



8ABE8D

# Square

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



E89BB8



CBAD75



66C1AA



80B6ED

# Rectangle

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



E89BB8



E7A088



66C1AA



4FBFDA



# Sweetspot

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



E89BB8



FFE6EF



CA9BE8



807076



000000



808080



# Same Dimension

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



E89BB8



FF99BF



E8A49B



73676C



B30043



330013



# Inverse Universe

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



E89BB8



FF99BF



9BDFE8



73676C



B30043



330013



# Previews

## White Background



This preview shows how the Hex color E89BB8 looks on a white background.

## Color Contrast Check

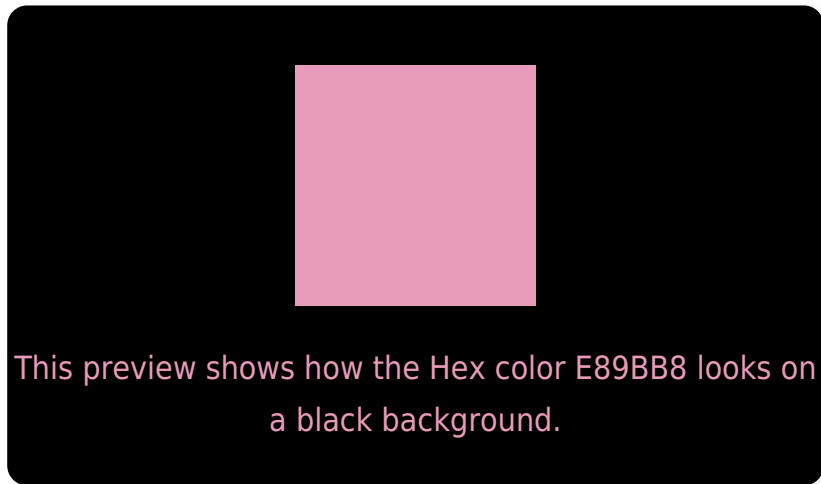
Large Text (above 18pt) WCAG AA × Fail

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 E89BB8 Background



This preview shows how black text looks on a background with the Hex color E89BB8.

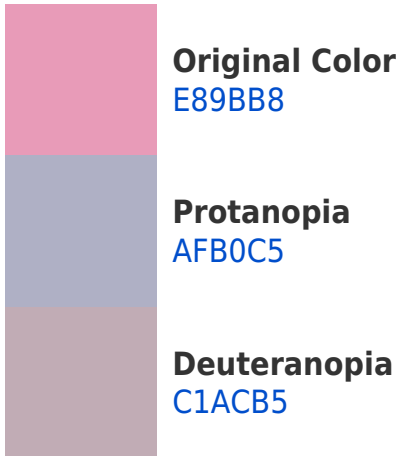


This preview shows how white text looks on a background with the Hex color E89BB8.

# 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**  
E69EA9

# Trichromacy



**Original Color**  
E89BB8

**Protanomaly**  
C4A8C0

**Deuteranomaly**  
CFA6B6

**Tritanomaly**  
E79DAE

# Monochromacy



**Original Color**  
E89BB8

**Achromatopsia**  
B5B5B5

**Achromatomaly**  
C8ACB6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E89BB8 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 #E89BB8 looks like.

```
.text, #text, p{  
    color:#E89BB8  
}
```

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 #E89BB8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E89BB8
}
```

## Border

The CSS property to change the border of an element to Hex E89BB8 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
#E89BB8 }
```

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

```
.border{ border-color:#E89BB8 }
```

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

Here you see how a box with a 4 pixel #E89BB8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E89BB8; -webkit-box-shadow:4px 4px  
4px 4px #E89BB8; box-shadow:4px 4px 4px  
4px #E89BB8 }
```

# Background

The CSS property to change the background color of an element to Hex E89BB8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E89BB8 }
```

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

```
.background{ background-color:#E89BB8 }
```

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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