

# Converting Colors

Hex(EC89B7)

Have a look what the booklet for  
Hex(EC89B7) contains.

<b>Hex(EC89B7)</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(EC89B7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EC89B7
RGB	236, 137, 183
RGB Percent	93%, 54%, 72%
CMY	0.0745, 0.4627, 0.2824
CMYK	0.00, 0.42, 0.22, 0.07
HSL	332°, 72%, 73%
HSV	332°, 42%, 93%
XYZ	52.0850, 39.1431, 49.6099
YIQ	171.8450, 44.2380, 35.2940

# Conversions

## Conversions Part 2

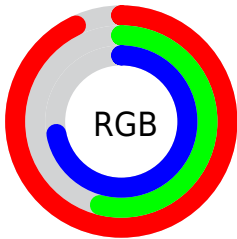
Format	Color
R <sub>Y</sub> B	236, 137, 183
Decimal	15501751
CIE Lab	68.85, 43.41, -7.60
CIE LCh	69, 44.068, 350.074
Yxy	39.1431, 0.3698, 0.2779
Android (android.graphics.Color)	4293691831 (0xFFEC89B7)
YUV	171.8450, 5.4994, 56.2639
Hunter-Lab	62.5644, 39.1137, -3.2184

# Details

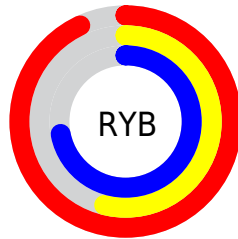
The Hex color **EC89B7** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **89ECBE**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **FFC0EF**, and **B25482** is the 20% darker color. If you saturate the color by 10%, you get **EC71AA**, and if you desaturate by 10%, it is **ECA1C4**.

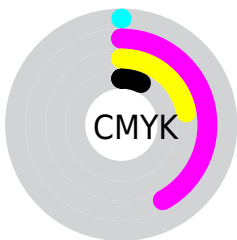
# Distribution



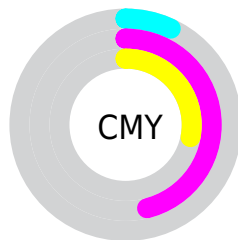
- Red (93%)
- Green (54%)
- Blue (72%)



- Red (93%)
- Yellow (54%)
- Blue (72%)



- Cyan (0%)
- Magenta (42%)
- Yellow (22%)
- Black (7%)



- Cyan (7%)
- Magenta (46%)
- Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EC89B7 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 EC89B7 by changing the saturation by 10% instead.



 EC89B7

 EC89B7

FFFFFF

 CF6E9C

 FFC0EF

 B25482

 FFDDFF

 963A69

 FFFAFF

 7B2051

 60003A

 450024

 2F000F

 000000

 EC89B7

 EC89B7

 EC71AA

 ECA1C4

 EC5A9E

 ECB8D0

 EC4291

 ECD0DD

 EC2B84

 ECE7EA

 EC1378

 ECFFF6

 EC006E

 ECFFFF

# Harmonies

## Analogous

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



CD94DC



EC89B7



F4898F

# Triad

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



EC89B7



A6AE5B



00B9E4

# Complementary

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



EC89B7



89ECBE

# 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.



00BDC2



EC89B7



78B773

# Square

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



EC89B7



CCA159



3ABC99



49B0F6

# Rectangle

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



EC89B7



EE8F77



3ABC99



00BBDA

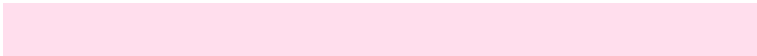


# Sweetspot

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



EC89B7



FFDEED



BE89EC



806B75



000000



808080



# Same Dimension

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



EC89B7



FF80BB



EC8C89



756A6F



B50054



360019



# Inverse Universe

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



EC89B7



FF80BB



89E9EC



756A6F



B50054



360019



# Previews

## White Background



This preview shows how the Hex color EC89B7 looks on a white background.

## Color Contrast Check

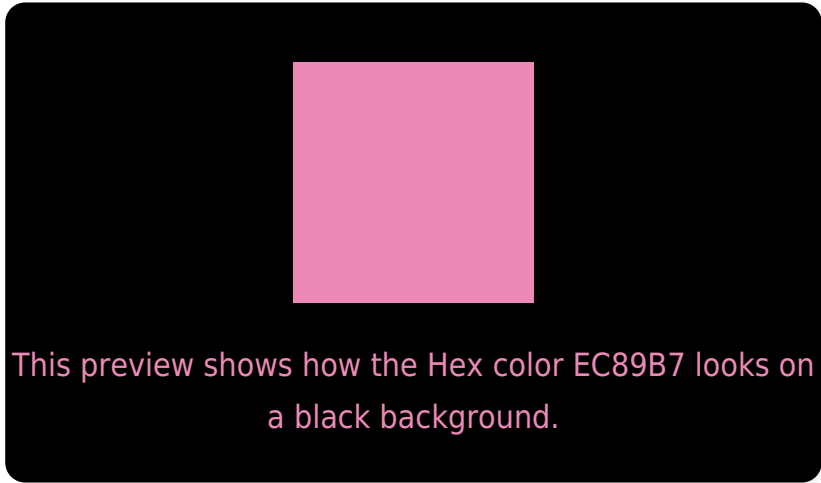
Large Text (above 18pt) WCAG AA × Fail

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 EC89B7 Background



This preview shows how black text looks on a background with the Hex color EC89B7.

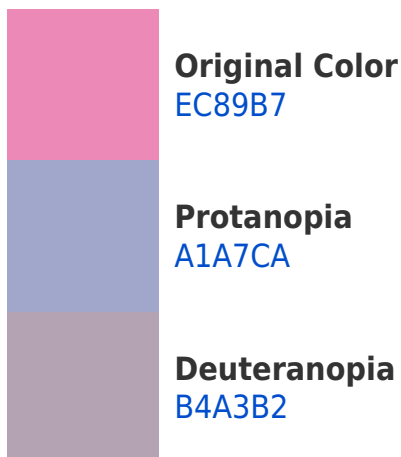


This preview shows how white text looks on a background with the Hex color EC89B7.

# 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**  
E98F99

# Trichromacy



**Original Color**  
EC89B7



**Protanomaly**  
BC9CC3



**Deuteranomaly**  
C89AB4

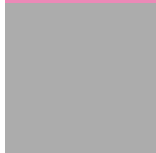


**Tritanomaly**  
EA8DA4

# Monochromacy



**Original Color**  
EC89B7



**Achromatopsia**  
ACACAC



**Achromatomaly**  
C39FB0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EC89B7 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 #EC89B7 looks like.

```
.text, #text, p{  
    color:#EC89B7  
}
```

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 #EC89B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EC89B7  
}
```

## Border

The CSS property to change the border of an element to Hex EC89B7 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  
#EC89B7 }
```

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

```
.border{ border-color:#EC89B7 }
```

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

Here you see how a box with a 4 pixel #EC89B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EC89B7; -webkit-box-shadow:4px 4px  
4px 4px #EC89B7; box-shadow:4px 4px 4px  
4px #EC89B7 }
```

# Background

The CSS property to change the background color of an element to Hex EC89B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EC89B7 }
```

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

```
.background{ background-color:#EC89B7 }
```

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