

# Converting Colors

Hex(EB89F0)

Have a look what the booklet for  
Hex(EB89F0) contains.

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# Color

Hex(**EB89F0**)

# Conversions

## Conversions Part 1

Format	Color
Hex	EB89F0
RGB	235, 137, 240
RGB Percent	92%, 54%, 94%
CMY	0.0784, 0.4627, 0.0588
CMYK	0.02, 0.43, 0.00, 0.06
HSL	297°, 77%, 74%
HSV	297°, 43%, 94%
XYZ	58.9348, 41.8448, 87.4087
YIQ	178.0440, 25.3450, 52.8090

# Conversions

## Conversions Part 2

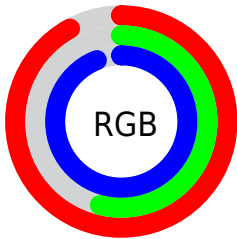
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	235, 137, 240
Decimal	15436272
CIE <sub>Lab</sub>	70.76, 52.38, -36.29
CIE <sub>LCh</sub>	71, 63.723, 325.290
Yxy	41.8448, 0.3132, 0.2224
Android (android.graphics.Color)	4293626352 (0xFFEB89F0)
YUV	178.0440, 30.5443, 49.9504
Hunter-Lab	64.6875, 49.4226, -34.8341

# Details

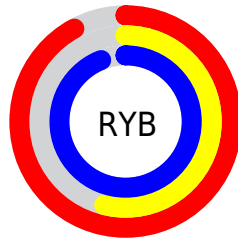
The Hex color **EB89F0** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **8EF089**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **FFC1FF**, and **B153B8** is the 20% darker color. If you saturate the color by 10%, you get **EA71F0**, and if you desaturate by 10%, it is **ECA1F0**.

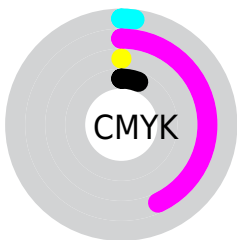
# Distribution



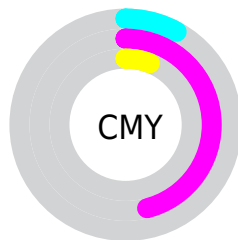
- Red (92%)
- Green (54%)
- Blue (94%)



- Red (92%)
- Yellow (54%)
- Blue (94%)



- Cyan (2%)
- Magenta (43%)
- Yellow (0%)
- Black (6%)



- Cyan (8%)
- Magenta (46%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EB89F0 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 EB89F0 by changing the saturation by 10% instead.



 EB89F0

FFFFFF

 FFC1FF

 FFDDFF

 FFFAFF

 EB89F0

 CE6ED3

 B153B8

 95399C

 7A1B82

 5F0069

 450050

 2E0039

 080022

 000008

 EB89F0

 EB89F0

 EA71F0

 ECA1F0

 E959F0

 EDB9F0

 E841F0

 EED1F0

 E629F0

 F0E9F0

 E511F0

 F1FFF0

 E400F0

 F2FFF0

 F3FFF0

 F4FFF0

 F5FFF0

# Harmonies

## Analogous

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



9FA2FF



EB89F0



FF78B9

# Triad

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



EB89F0



D4A730



00C9DD

# Complementary

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



EB89F0



8EF089

# 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.



00C9A2



EB89F0



9CB83B

# Square

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



EB89F0



FF914E



4FC368



00C3FF

# Rectangle

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



EB89F0



FF7992



4FC368



00C9CA



# Sweetspot

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



EB89F0



FDDEFF



898EF0



7F6B80



000000



808080



# Same Dimension

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



EB89F0



F97AFF



F089C2



776C78



AF00B8



350038



# Inverse Universe

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



F0898E



FF7A81



89F0B7



786C6C



B80009



380003



# Previews

## White Background



This preview shows how the Hex color EB89F0 looks on a white background.

## Color Contrast Check

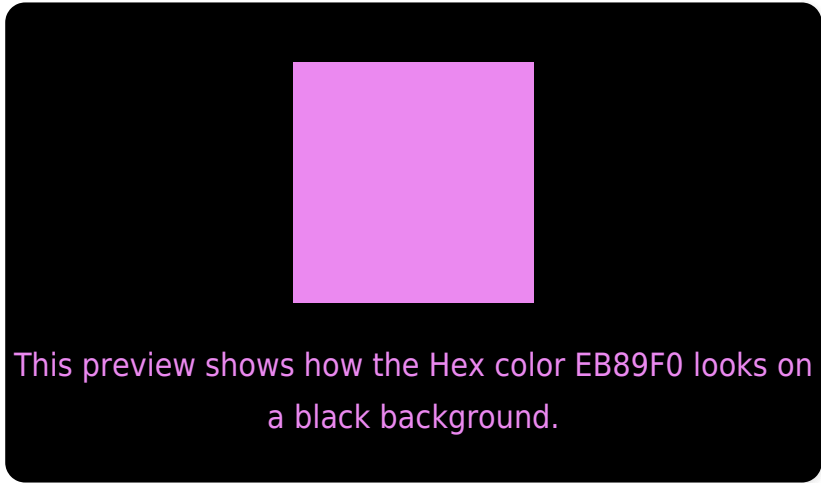
Large Text (above 18pt) WCAG AA × Fail

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

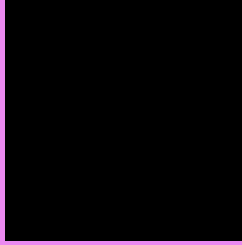
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex EB89F0 Background



This preview shows how black text looks on a background with the Hex color EB89F0.



This preview shows how white text looks on a background with the Hex color EB89F0.

# 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**  
E19AA5

# Trichromacy



**Original Color**  
EB89F0



**Protanomaly**  
B29FFA



**Deuteranomaly**  
B99FEC



**Tritanomaly**  
E594C0

# Monochromacy



**Original Color**  
EB89F0



**Achromatopsia**  
B2B2B2



**Achromatomaly**  
C7A3C9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EB89F0 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 #EB89F0 looks like.

```
.text, #text, p{  
    color:#EB89F0  
}
```

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 #EB89F0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EB89F0
}
```

## Border

The CSS property to change the border of an element to Hex EB89F0 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
#EB89F0 }
```

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

```
.border{ border-color:#EB89F0 }
```

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

Here you see how a box with a 4 pixel #EB89F0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EB89F0; -webkit-box-shadow:4px 4px  
4px 4px #EB89F0; box-shadow:4px 4px 4px  
4px #EB89F0 }
```

# Background

The CSS property to change the background color of an element to Hex EB89F0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EB89F0 }
```

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

```
.background{ background-color:#EB89F0 }
```

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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