

# Converting Colors

Hex(EB7FB8)

Have a look what the booklet for  
Hex(EB7FB8) contains.

<b>Hex(EB7FB8)</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(EB7FB8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EB7FB8
RGB	235, 127, 184
RGB Percent	92%, 50%, 72%
CMY	0.0784, 0.5020, 0.2784
CMYK	0.00, 0.46, 0.22, 0.08
HSL	328°, 73%, 71%
HSV	328°, 46%, 92%
XYZ	50.5021, 36.3016, 49.6926
YIQ	165.7900, 46.0710, 40.6230

# Conversions

## Conversions Part 2

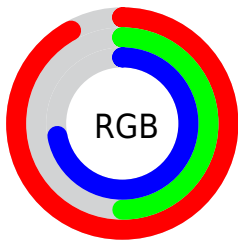
Format	Color
R <sub>Y</sub> B	235, 127, 184
Decimal	15433656
CIE Lab	66.75, 48.29, -11.31
CIE LCh	67, 49.601, 346.818
Yxy	36.3016, 0.3700, 0.2660
Android (android.graphics.Color)	4293623736 (0xFFEB7FB8)
YUV	165.7900, 8.9775, 60.6972
Hunter-Lab	60.2508, 44.1792, -6.7246

# Details

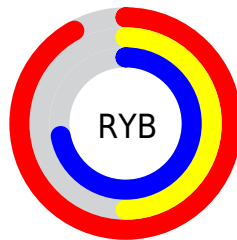
The Hex color **EB7FB8** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **7FEBB2**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **FFB6F0**, and **B14A83** is the 20% darker color. If you saturate the color by 10%, you get **EB68AD**, and if you desaturate by 10%, it is **EB97C3**.

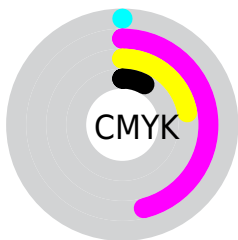
# Distribution



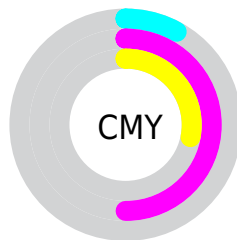
- Red (92%)
- Green (50%)
- Blue (72%)



- Red (92%)
- Yellow (50%)
- Blue (72%)



- Cyan (0%)
- Magenta (46%)
- Yellow (22%)
- Black (8%)



- Cyan (8%)
- Magenta (50%)
- Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EB7FB8 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 EB7FB8 by changing the saturation by 10% instead.



 EB7FB8

 EB7FB8

FFFFFF

 CE649D

 FFB6F0

 B14A83

 FFD3FF

 952F6A

 FFEFFF

 790F52

 5E003B

 440025

 2C000F

 000000

 EB7FB8

 EB7FB8

 EB68AD

 EB97C3

 EB50A2

 EBAECE

 EB3897

 EBC6D9

 EB218C

 EBDDE4

 EB0A81

 EBF4EF

 EB007C

 EBFFFB

 EBFFFF

# Harmonies

## Analogous

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



C68DE0



EB7FB8



F67D8B

# Triad

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



EB7FB8



A4A849



00B6E2

# Complementary

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



EB7FB8



7FEBB2

# 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.



00B9BB



EB7FB8



71B263

# Square

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



EB7FB8



CD994A



1BB88D



00ADF9

# Rectangle

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



EB7FB8



F1846F



1BB88D



00B7D7



# Sweetspot

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



EB7FB8



FFDBEE



B17FEB



806A75



000000



808080



# Same Dimension

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



EB7FB8



FF73BD



EB7F83



756A70



B50060



36001C



# Inverse Universe

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



EB7FB8



FF73BD



7FEBE7



756A70



B50060



36001C



# Previews

## White Background



This preview shows how the Hex color EB7FB8 looks on a white background.

## Color Contrast Check

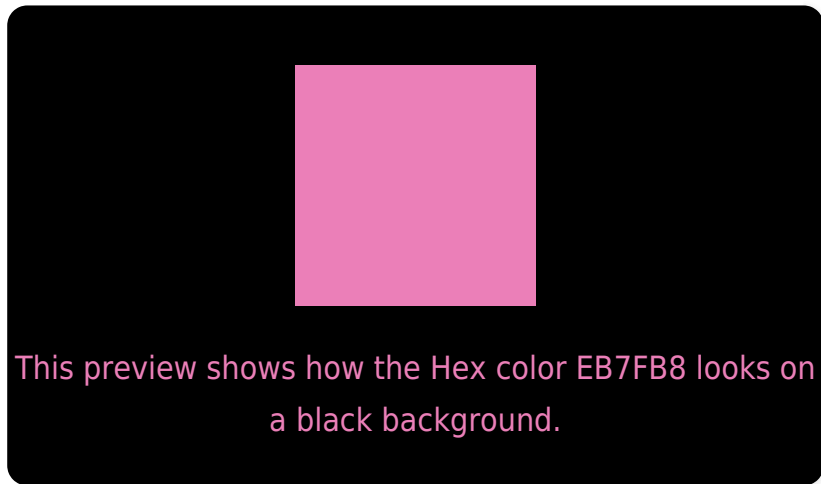
Large Text (above 18pt) WCAG AA × Fail

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 EB7FB8 Background



This preview shows how black text looks on a background with the Hex color EB7FB8.

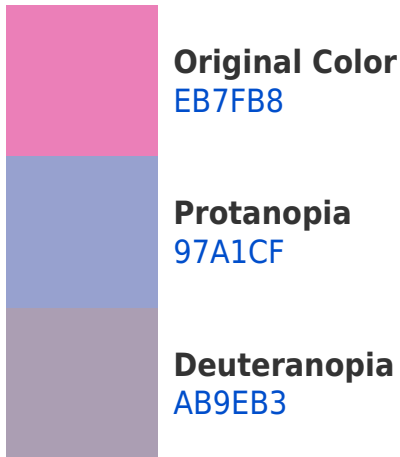


This preview shows how white text looks on a background with the Hex color EB7FB8.

# 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**  
E78791

# Trichromacy



**Original Color**  
EB7FB8



**Protanomaly**  
B695C7



**Deuteranomaly**  
C293B5

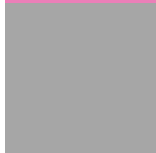


**Tritanomaly**  
E8849F

# Monochromacy



**Original Color**  
EB7FB8



**Achromatopsia**  
A6A6A6



**Achromatomaly**  
BF98AD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EB7FB8 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 #EB7FB8 looks like.

```
.text, #text, p{  
    color:#EB7FB8  
}
```

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 #EB7FB8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EB7FB8
}
```

## Border

The CSS property to change the border of an element to Hex EB7FB8 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
#EB7FB8 }
```

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

```
.border{ border-color:#EB7FB8 }
```

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

Here you see how a box with a 4 pixel #EB7FB8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EB7FB8; -webkit-box-shadow:4px 4px  
4px 4px #EB7FB8; box-shadow:4px 4px 4px  
4px #EB7FB8 }
```

# Background

The CSS property to change the background color of an element to Hex EB7FB8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EB7FB8 }
```

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

```
.background{ background-color:#EB7FB8 }
```

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