

# Converting Colors

Hex(EB7BB2)

Have a look what the booklet for  
Hex(EB7BB2) contains.

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# **Color**

**Hex(EB7BB2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EB7BB2
RGB	235, 123, 178
RGB Percent	92%, 48%, 70%
CMY	0.0784, 0.5176, 0.3020
CMYK	0.00, 0.48, 0.24, 0.08
HSL	331°, 74%, 70%
HSV	331°, 48%, 92%
XYZ	49.3798, 35.0424, 46.2807
YIQ	162.7580, 49.0970, 40.8490

# Conversions

## Conversions Part 2

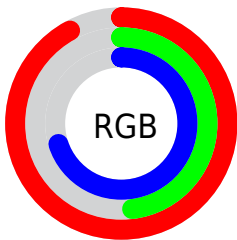
Format	Color
R <sub>Y</sub> B	235, 123, 178
Decimal	15432626
CIE Lab	65.78, 49.44, -9.37
CIE LCh	66, 50.325, 349.267
Yxy	35.0424, 0.3778, 0.2681
Android (android.graphics.Color)	4293622706 (0xFFEB7BB2)
YUV	162.7580, 7.5143, 63.3562
Hunter-Lab	59.1967, 45.3043, -4.9161

# Details

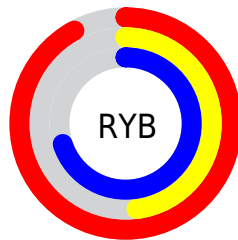
The Hex color **EB7BB2** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **7BEBB4**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **FFB2EA**, and **B1457D** is the 20% darker color. If you saturate the color by 10%, you get **EB64A6**, and if you desaturate by 10%, it is **EB93BE**.

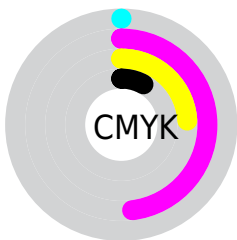
# Distribution



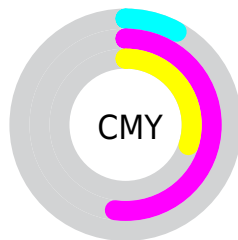
- Red (92%)
- Green (48%)
- Blue (70%)



- Red (92%)
- Yellow (48%)
- Blue (70%)



- Cyan (0%)
- Magenta (48%)
- Yellow (24%)
- Black (8%)



- Cyan (8%)
- Magenta (52%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EB7BB2 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 EB7BB2 by changing the saturation by 10% instead.



 EB7BB2

 EB7BB2

FFFFFF

 CE6097

 FFB2EA

 B1457D

 FFCEFF

 942A64

 FFE8FF

 79054C

 5D0036

 430020

 2B0007

 000000

 EB7BB2

 EB7BB2

 EB64A6

 EB93BE

 EB4C9A

 EBAACA

 EB348E

 EBC2D6

 EB1D82

 EBD9E2

 EB0576

 EBF0EE

 EB0073

 EBFFFA

 EBFFFF

# Harmonies

## Analogous

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



C788DB



EB7BB2



F47B84

# Triad

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



EB7BB2



9EA647



00B3E3

# Complementary

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



EB7BB2



7BEBB4

# 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.



00B6BC



EB7BB2



69B063

# Square

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



EB7BB2



C89845



00B68D



00A9F8

# Rectangle

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



EB7BB2



EE8269



00B68D



00B5D8



# Sweetspot

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



EB7BB2



FFDBED



B37BEB



806A74



000000



808080



# Same Dimension

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



EB7BB2



FF6EB5



EB7B7B



756A6F



B50059



36001A



# Inverse Universe

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



EB7BB2



FF6EB5



7BEBEB



756A6F



B50059



36001A



# Previews

## White Background



This preview shows how the Hex color EB7BB2 looks on a white background.

## Color Contrast Check

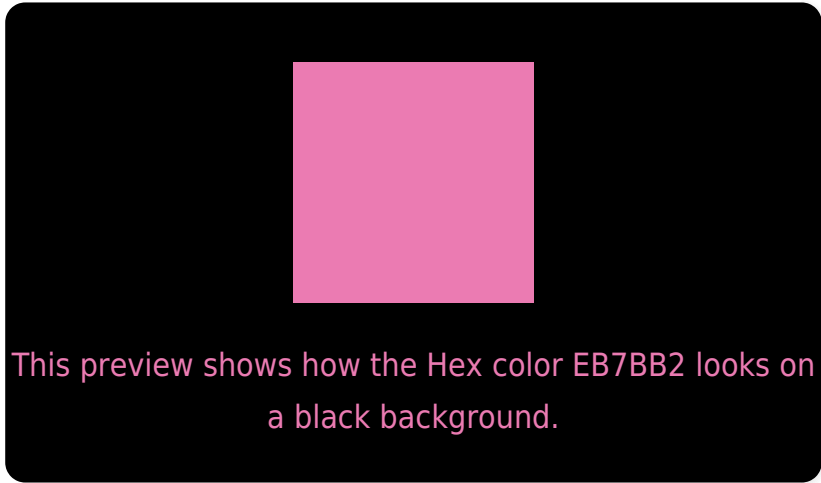
Large Text (above 18pt) WCAG AA × Fail

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 EB7BB2 Background



This preview shows how black text looks on a background with the Hex color EB7BB2.

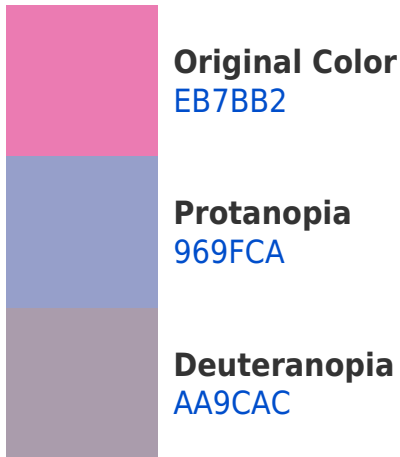



This preview shows how white text looks on a background with the Hex color EB7BB2.

# 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**  
E7828C

# Trichromacy



**Original Color**  
EB7BB2



**Protanomaly**  
B592C1



**Deuteranomaly**  
C290AE

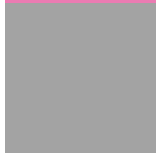


**Tritanomaly**  
E87F9A

# Monochromacy



**Original Color**  
EB7BB2



**Achromatopsia**  
A3A3A3



**Achromatomaly**  
BD94A8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EB7BB2 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 #EB7BB2 looks like.

```
.text, #text, p{  
    color:#EB7BB2  
}
```

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 #EB7BB2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EB7BB2
}
```

## Border

The CSS property to change the border of an element to Hex EB7BB2 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
#EB7BB2 }
```

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

```
.border{ border-color:#EB7BB2 }
```

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

Here you see how a box with a 4 pixel #EB7BB2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EB7BB2; -webkit-box-shadow:4px 4px  
4px 4px #EB7BB2; box-shadow:4px 4px 4px  
4px #EB7BB2 }
```

# Background

The CSS property to change the background color of an element to Hex EB7BB2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EB7BB2 }
```

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

```
.background{ background-color:#EB7BB2 }
```

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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