

# Converting Colors

Hex(EBB8EA)

Have a look what the booklet for  
Hex(EBB8EA) contains.

<b>Hex(EBB8EA)</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(EBB8EA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EBB8EA
RGB	235, 184, 234
RGB Percent	92%, 72%, 92%
CMY	0.0784, 0.2784, 0.0824
CMYK	0.00, 0.22, 0.00, 0.08
HSL	301°, 56%, 82%
HSV	301°, 22%, 92%
XYZ	66.2527, 57.8837, 85.5227
YIQ	204.9490, 14.3460, 26.3620

# Conversions

## Conversions Part 2

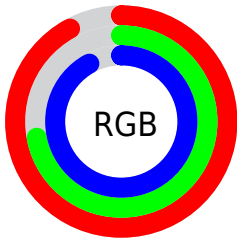
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	235, 184, 234
Decimal	15448298
CIE Lab	80.67, 26.63, -17.85
CIE LCh	81, 32.060, 326.163
Yxy	57.8837, 0.3160, 0.2761
Android (android.graphics.Color)	4293638378 (0xFFE8B8EA)
YUV	204.9490, 14.3221, 26.3547
Hunter-Lab	76.0813, 22.2981, -13.3907

# Details

The Hex color **EBB8EA** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **B8EBB9**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **FFF0FF**, and **B383B2** is the 20% darker color. If you saturate the color by 10%, you get **EBA1EA**, and if you desaturate by 10%, it is **EBD0EA**.

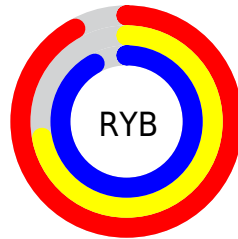
# Distribution



Red (92%)

Green (72%)

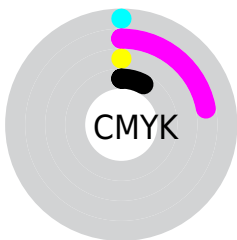
Blue (92%)



Red (92%)

Yellow (72%)

Blue (92%)

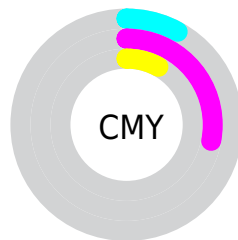


Cyan (0%)

Magenta (22%)

Yellow (0%)

Black (8%)



Cyan (8%)

Magenta (28%)

Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EBB8EA 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 EBB8EA by changing the saturation by 10% instead.



 EBB8EA

 EBB8EA

FFFFFF

 CF9DCE

 FFF0FF

 B383B2

 986997

 7D507D

 643964

 4B224C

 330B35

 210020

 000004

 EBB8EA

 EBB8EA

 EBA1EA

 EBD0EA

 EB89E9

 EBE7EB

 EB72E9

 EBFFEB

 EB5AE8

 EBFFEC

 EB43E8

 EBFFED

 EB2BE7

 EBFFEE

 EB14E7

 EB00E6

# Harmonies

## Analogous

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



C7C2FE



EBB8EA



FFB2CD

# Triad

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



EBB8EA



E1C58D



6BD8E2

# Complementary

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



EBB8EA



B8EBB9

# 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.



7FD9C3



EBB8EA



C2CE92

# Square

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



EBB8EA



F9BB98



9FD5A6



77D4F9

# Rectangle

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



EBB8EA



FFB2B9



9FD5A6



6FD9D8



# Sweetspot

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



EBB8EA



FFEDFF



B9B8EB



80757F



000000



808080



# Same Dimension

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



EBB8EA



FFBDFE



EBB8D1



756A75



B500B2



360035



# Inverse Universe

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



EBB8EA



FFBDFE



B8EBD2



756A75



B500B2



360035



# Previews

## White Background



This preview shows how the Hex color EBB8EA looks on a white background.

## Color Contrast Check

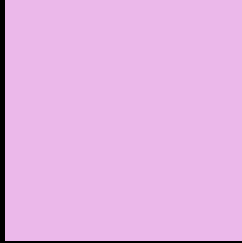
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color EBB8EA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

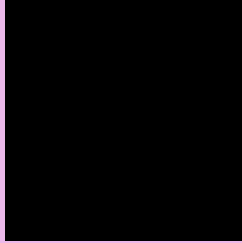
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex EBB8EA Background



This preview shows how black text looks on a background with the Hex color EBB8EA.

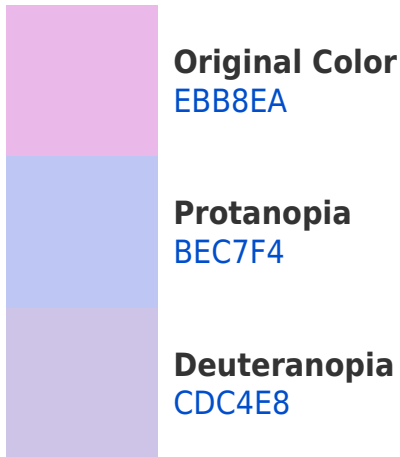


This preview shows how white text looks on a background with the Hex color EBB8EA.

# 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



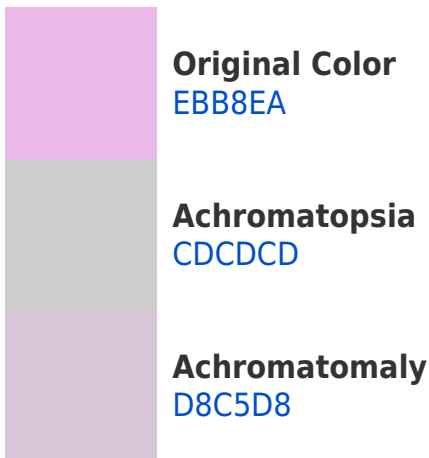


**Tritanopia**  
E7BDCC

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex EBB8EA 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 #EBB8EA looks like.

```
.text, #text, p{  
    color:#EBB8EA  
}
```

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 #EBB8EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EBB8EA
}
```

## Border

The CSS property to change the border of an element to Hex EBB8EA 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
#EBB8EA }
```

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

```
.border{ border-color:#EBB8EA }
```

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

Here you see how a box with a 4 pixel #EBB8EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EBB8EA; -webkit-box-shadow:4px 4px  
4px 4px #EBB8EA; box-shadow:4px 4px 4px  
4px #EBB8EA }
```

# Background

The CSS property to change the background color of an element to Hex EBB8EA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EBB8EA }
```

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

```
.background{ background-color:#EBB8EA }
```

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