

# Converting Colors

Hex(EBB8CC)

Have a look what the booklet for  
Hex(EBB8CC) contains.

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# **Color**

**Hex(EBB8CC)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	EBB8CC
RGB	235, 184, 204
RGB Percent	92%, 72%, 80%
CMY	0.0784, 0.2784, 0.2000
CMYK	0.00, 0.22, 0.13, 0.08
HSL	336°, 56%, 82%
HSV	336°, 22%, 92%
XYZ	62.3005, 56.3028, 64.7107
YIQ	201.5290, 23.9760, 17.0320

# Conversions

## Conversions Part 2

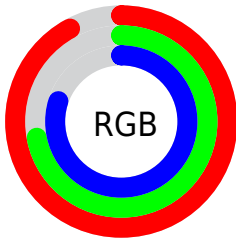
Format	Color
R <sub>Y</sub> B	235, 184, 204
Decimal	15448268
CIE Lab	79.79, 21.46, -3.00
CIE LCh	80, 21.671, 352.032
Yxy	56.3028, 0.3399, 0.3071
Android (android.graphics.Color)	4293638348 (0xFFE8B8CC)
YUV	201.5290, 1.2182, 29.3541
Hunter-Lab	75.0352, 16.8942, 1.3927

# Details

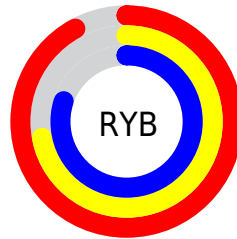
The Hex color **EBB8CC** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **B8EBD7**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **FFF0FF**, and **B38396** is the 20% darker color. If you saturate the color by 10%, you get **EBA1BE**, and if you desaturate by 10%, it is **EBD0DA**.

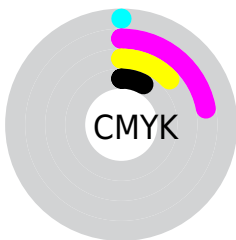
# Distribution



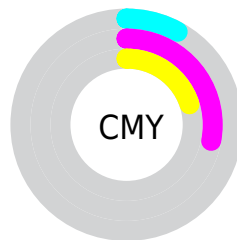
- Red (92%)
- Green (72%)
- Blue (80%)



- Red (92%)
- Yellow (72%)
- Blue (80%)



- Cyan (0%)
- Magenta (22%)
- Yellow (13%)
- Black (8%)



- Cyan (8%)
- Magenta (28%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EBB8CC 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 EBB8CC by changing the saturation by 10% instead.



 EBB8CC

FFFFFF

 FFF0FF

 EBB8CC

 CE9DB1

 B38396

 98697C

 7D5163

 64394B

 4B2335

 330D20

 210007

 000000

 EBB8CC

 EBB8CC

 EBA1BE

 EBD0DA

 EB89AF

 EBE7E9

 EB72A1

 EBFFF7

 EB5A93

 EBFFFF

 EB4385

 EB2B76

 EB1468

 EB005C

# Harmonies

## Analogous

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



DBBCDF



EBB8CC



F0B8B8

# Triad

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



EBB8CC



C5C9A0



94CEE5

# Complementary

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



EBB8CC



B8EBD7

# 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.



8FD1D4



EBB8CC



AECEAC

# Square

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



EBB8CC



DBC39E



9AD1BF



A8C9ED

# Rectangle

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



EBB8CC



EDBAAC



9AD1BF



90D0E0



# Sweetspot

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



EBB8CC



FFEDF4



D7B8EB



807579



000000



808080



# Same Dimension

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



EBB8CC



FFBDD7



EBBDB8



756A6E



B50047



360015



# Inverse Universe

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



EBB8CC



FFBDD7



B8E6EB



756A6E



B50047



360015



# Previews

## White Background



This preview shows how the Hex color EBB8CC looks on a white background.

## Color Contrast Check

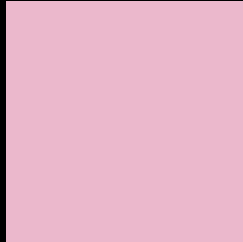
Large Text (above 18pt) WCAG AA × Fail

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 EBB8CC 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 EBB8CC Background



This preview shows how black text looks on a background with the Hex color EBB8CC.

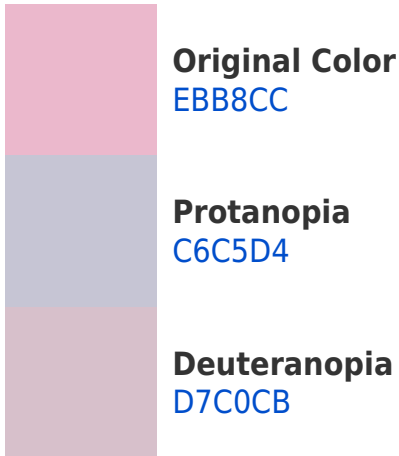


This preview shows how white text looks on a background with the Hex color EBB8CC.

# 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](#).

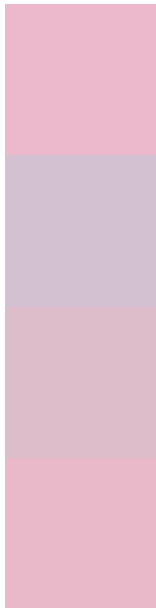
## Dichromacy





**Tritanopia**  
EAB9C7

# Trichromacy



**Original Color**  
EBB8CC

**Protanomaly**  
D3C0D1

**Deuteranomaly**  
DEBDCB

**Tritanomaly**  
EAB9C9

# Monochromacy



**Original Color**  
EBB8CC

**Achromatopsia**  
CACACA

**Achromatomaly**  
D6C3CB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EBB8CC 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 #EBB8CC looks like.

```
.text, #text, p{  
    color:#EBB8CC  
}
```

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 #EBB8CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EBB8CC }  
}
```

## Border

The CSS property to change the border of an element to Hex EBB8CC 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 #EBB8CC }  
}
```

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

```
.border{ border-color:#EBB8CC }
```

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

Here you see how a box with a 4 pixel #EBB8CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EBB8CC; -webkit-box-shadow:4px 4px  
4px 4px #EBB8CC; box-shadow:4px 4px 4px  
4px #EBB8CC }
```

# Background

The CSS property to change the background color of an element to Hex EBB8CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EBB8CC }
```

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

```
.background{ background-color:#EBB8CC }
```

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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