

# Converting Colors

Hex(EB8CD0)

Have a look what the booklet for  
Hex(EB8CD0) contains.

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# **Color**

**Hex(EB8CD0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EB8CD0
RGB	235, 140, 208
RGB Percent	92%, 55%, 82%
CMY	0.0784, 0.4510, 0.1843
CMYK	0.00, 0.40, 0.11, 0.08
HSL	317°, 70%, 74%
HSV	317°, 40%, 92%
XYZ	55.0242, 40.9724, 64.6829
YIQ	176.1570, 34.7920, 41.2880

# Conversions

## Conversions Part 2

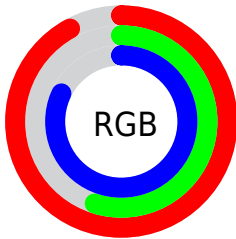
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	235, 140, 208
Decimal	15437008
CIE <sub>Lab</sub>	70.16, 45.35, -19.58
CIE <sub>LCh</sub>	70, 49.400, 336.647
Yxy	40.9724, 0.3424, 0.2550
Android (android.graphics.Color)	4293627088 (0xFFEB8CD0)
YUV	176.1570, 15.6986, 51.6053
Hunter-Lab	64.0097, 41.4258, -15.1068

# Details

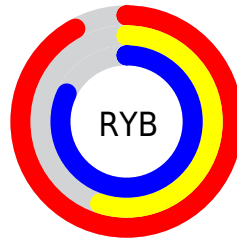
The Hex color **EB8CD0** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **8CEBA7**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **FFC3FF**, and **B2579A** is the 20% darker color. If you saturate the color by 10%, you get **EB75C9**, and if you desaturate by 10%, it is **EBA4D7**.

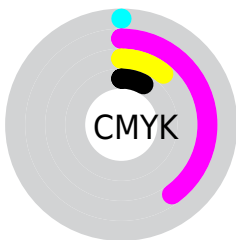
# Distribution



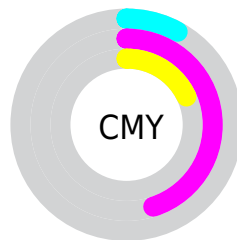
- Red (92%)
- Green (55%)
- Blue (82%)



- Red (92%)
- Yellow (55%)
- Blue (82%)



- Cyan (0%)
- Magenta (40%)
- Yellow (11%)
- Black (8%)



- Cyan (8%)
- Magenta (45%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EB8CD0 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 EB8CD0 by changing the saturation by 10% instead.



 EB8CD0

 EB8CD0

FFFFFF

 CE71B4

 FFC3FF

 B2579A

 FFE0FF

 963D7F

 FFFDFD

 7A2266

 60004E

 460037

 300022

 050006

 000000

 EB8CD0

 EB8CD0

 EB75C9

 EBA4D7

 EB5DC3

 EBBBDD

 EB46BC

 EBD3E4

 EB2EB5

 EBEAEB

 EB17AF

 EBFFF1

 EB00A8

 EBFFF8

 EBFFFF

# Harmonies

## Analogous

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



BC9CF4



EB8CD0



FF86A3

# Triad

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



EB8CD0



BDAC4F



00C1E0

# Complementary

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



EB8CD0



8CEBA7

# 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.



00C3B4



EB8CD0



8DB861

# Square

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



EB8CD0



E39C59



4FC086



00BAFD

# Rectangle

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



EB8CD0



FF8986



4FC086



00C2D2



# Sweetspot

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



EB8CD0



FFE0F6



A78CEB



806E7A



000000



808080



# Same Dimension

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



EB8CD0



FF82DB



EB8CA1



756A72



B50082



360026



# Inverse Universe

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



EB8CD0



FF82DB



8CEBD6



756A72



B50082

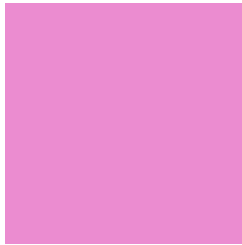


360026



# Previews

## White Background



This preview shows how the Hex color EB8CD0 looks on a white background.

## Color Contrast Check

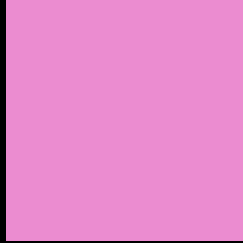
Large Text (above 18pt) WCAG AA × Fail

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 EB8CD0 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 EB8CD0 Background



This preview shows how black text looks on a background with the Hex color EB8CD0.

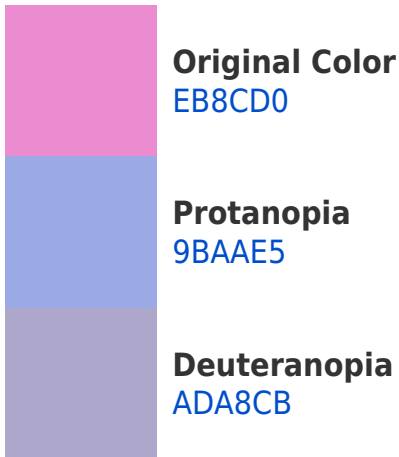


This preview shows how white text looks on a background with the Hex color EB8CD0.

# 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**  
E695A1

# Trichromacy



**Original Color**  
EB8CD0



**Protanomaly**  
B89FDD



**Deuteranomaly**  
C49ECD

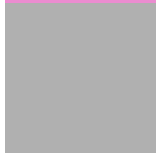


**Tritanomaly**  
E892B2

# Monochromacy



**Original Color**  
EB8CD0



**Achromatopsia**  
B0B0B0



**Achromatomaly**  
C5A3BC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EB8CD0 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 #EB8CD0 looks like.

```
.text, #text, p{  
    color:#EB8CD0  
}
```

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 #EB8CD0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EB8CD0
}
```

## Border

The CSS property to change the border of an element to Hex EB8CD0 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
#EB8CD0 }
```

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

```
.border{ border-color:#EB8CD0 }
```

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

Here you see how a box with a 4 pixel #EB8CD0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EB8CD0; -webkit-box-shadow:4px 4px  
4px 4px #EB8CD0; box-shadow:4px 4px 4px  
4px #EB8CD0 }
```

# Background

The CSS property to change the background color of an element to Hex EB8CD0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EB8CD0 }
```

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

```
.background{ background-color:#EB8CD0 }
```

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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