

# Converting Colors

Hex(EB86A8)

Have a look what the booklet for  
Hex(EB86A8) contains.

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# **Color**

**Hex(EB86A8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EB86A8
RGB	235, 134, 168
RGB Percent	92%, 53%, 66%
CMY	0.0784, 0.4745, 0.3412
CMYK	0.00, 0.43, 0.29, 0.08
HSL	340°, 72%, 72%
HSV	340°, 43%, 92%
XYZ	49.8539, 37.5395, 41.6640
YIQ	168.0750, 49.2820, 31.9860

# Conversions

## Conversions Part 2

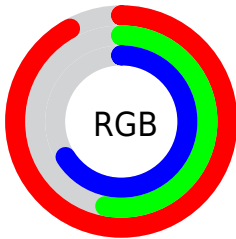
Format	Color
R <sub>Y</sub> B	235, 134, 168
Decimal	15435432
CIE Lab	67.68, 42.54, -0.92
CIE LCh	68, 42.555, 358.757
Yxy	37.5395, 0.3863, 0.2909
Android (android.graphics.Color)	4293625512 (0xFFEB86A8)
YUV	168.0750, -0.0370, 58.6932
Hunter-Lab	61.2695, 38.0207, 2.5707

# Details

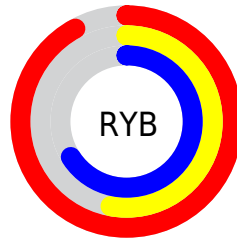
The Hex color **EB86A8** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **86EBC9**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **FFBDDF**, and **B15174** is the 20% darker color. If you saturate the color by 10%, you get **EB6F98**, and if you desaturate by 10%, it is **EB9EB8**.

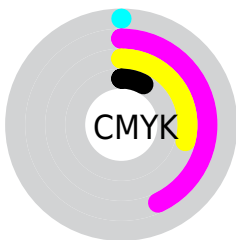
# Distribution



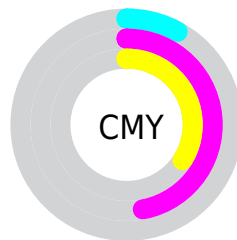
- Red (92%)
- Green (53%)
- Blue (66%)



- Red (92%)
- Yellow (53%)
- Blue (66%)



- Cyan (0%)
- Magenta (43%)
- Yellow (29%)
- Black (8%)



- Cyan (8%)
- Magenta (47%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EB86A8 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 EB86A8 by changing the saturation by 10% instead.



 EB86A8

 EB86A8

FFFFFF

 CE6B8E

 FFBDDF

 B15174

 FFD9FC

 95385C

 FFF6FF

 791D44

 5E002E

 430019

 2D0001

 000000

 EB86A8

 EB86A8

 EB6F98

 EB9EB8

 EB5789

 EBB5C7

 EB4079

 EBCDD7

 EB286A

 EBE4E6

 EB115A

 EBFCF6

 EB004F

 EBFFFF

# Harmonies

## Analogous

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



D38ECD



EB86A8



ED8982

# Triad

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



EB86A8



97AE60



00B3E6

# Complementary

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



EB86A8



86EBC9

# 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.



00B8C9



EB86A8



68B57C

# Square

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



EB86A8



BEA257



23B9A2



64A9F1

# Rectangle

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



EB86A8



E4906D



23B9A2



00B5DE



# Sweetspot

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



EB86A8



FFDEE9



C886EB



806B72



000000



808080



# Same Dimension

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



EB86A8



FF7AA7



EB9586



756A6E



B5003D



360012



# Inverse Universe

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



EB86A8



FF7AA7



86DCEB



756A6E



B5003D



360012



# Previews

## White Background



This preview shows how the Hex color EB86A8 looks on a white background.

## Color Contrast Check

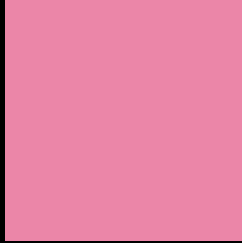
Large Text (above 18pt) WCAG AA × Fail

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 EB86A8 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 EB86A8 Background



This preview shows how black text looks on a background with the Hex color EB86A8.




This preview shows how white text looks on a background with the Hex color EB86A8.

# 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**  
E98A94

# Trichromacy



**Original Color**  
EB86A8



**Protanomaly**  
BD99B3



**Deuteranomaly**  
C997A5

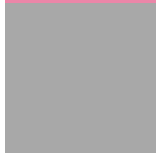


**Tritanomaly**  
EA899B

# Monochromacy



**Original Color**  
EB86A8



**Achromatopsia**  
A8A8A8



**Achromatomaly**  
C09CA8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EB86A8 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 #EB86A8 looks like.

```
.text, #text, p{  
    color:#EB86A8  
}
```

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 #EB86A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EB86A8
}
```

## Border

The CSS property to change the border of an element to Hex EB86A8 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
#EB86A8 }
```

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

```
.border{ border-color:#EB86A8 }
```

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

Here you see how a box with a 4 pixel #EB86A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EB86A8; -webkit-box-shadow:4px 4px  
4px 4px #EB86A8; box-shadow:4px 4px 4px  
4px #EB86A8 }
```

# Background

The CSS property to change the background color of an element to Hex EB86A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EB86A8 }
```

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

```
.background{ background-color:#EB86A8 }
```

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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