

Converting Colors

Hex(EB86B0)

Have a look what the booklet for
Hex(EB86B0) contains.

Hex(EB86B0)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(EB86B0)

Conversions

Conversions Part 1

Format	Color
Hex	EB86B0
RGB	235, 134, 176
RGB Percent	92%, 53%, 69%
CMY	0.0784, 0.4745, 0.3098
CMYK	0.00, 0.43, 0.25, 0.08
HSL	335°, 72%, 72%
HSV	335°, 43%, 92%
XYZ	50.6225, 37.8470, 45.7114
YIQ	168.9870, 46.7140, 34.4740

Conversions

Conversions Part 2

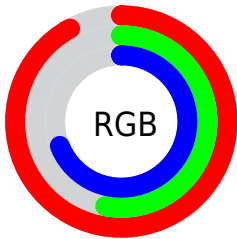
Format	Color
R _Y B	235, 134, 176
Decimal	15435440
CIE Lab	67.91, 43.62, -5.09
CIE LCh	68, 43.920, 353.348
Yxy	37.8470, 0.3773, 0.2821
Android (android.graphics.Color)	4293625520 (0xFFEB86B0)
YUV	168.9870, 3.4574, 57.8934
Hunter-Lab	61.5199, 39.2215, -0.9906

Details

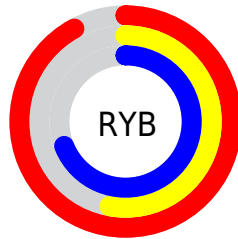
The Hex color **EB86B0** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **86EBC1**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **FFBDE8**, and **B1517C** is the 20% darker color. If you saturate the color by 10%, you get **EB6FA2**, and if you desaturate by 10%, it is **EB9EBE**.

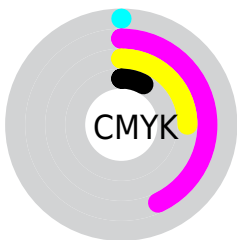
Distribution



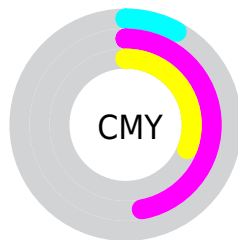
- Red (92%)
- Green (53%)
- Blue (69%)



- Red (92%)
- Yellow (53%)
- Blue (69%)



- Cyan (0%)
- Magenta (43%)
- Yellow (25%)
- Black (8%)



- Cyan (8%)
- Magenta (47%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color EB86B0 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 EB86B0 by changing the saturation by 10% instead.

 EB86B0

 EB86B0

FFFFFF

 CE6B95

 FFBDE8

 B1517C

 FFD9FF

 953763

 FFF6FF

 791C4B

 5E0034

 44001F

 2E0005

 000000

 EB86B0

 EB86B0

 EB6FA2

 EB9EBE

 EB5795

 EBB5CB

 EB4087

 EBCDD9

 EB2879

 EBE4E7

 EB116B

 EBFCF5

 EB0062

 EBFFFF

Harmonies

Analogous

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



CE90D5



EB86B0



F18788

Triad

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



EB86B0



9FAD5B



00B5E4

Complementary

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



EB86B0



86EBC1

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.



00BAC4



EB86B0



70B575

Square

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



EB86B0



C6A056



2DBA9B



51ACF4

Rectangle

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



EB86B0



EA8E71



2DBA9B



00B7DB

Sweetspot

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



EB86B0



FFDEEC



C186EB



806B74



000000



808080

Same Dimension

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



EB86B0



FF7AB2



EB8E86



756A6E



B5004B



360016

Inverse Universe

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



EB86B0



FF7AB2



86E3EB



756A6E



B5004B



360016

Previews

White Background



This preview shows how the Hex color EB86B0 looks on a white background.

Color Contrast Check

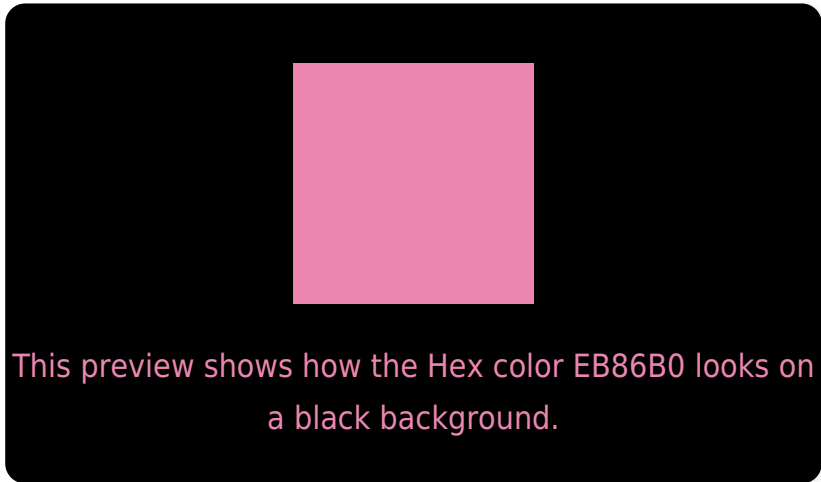
Large Text (above 18pt) WCAG AA × Fail

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 EB86B0 Background



This preview shows how black text looks on a background with the Hex color EB86B0.

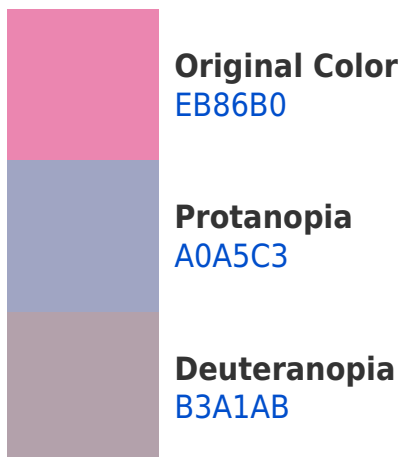


This preview shows how white text looks on a background with the Hex color EB86B0.

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
E88B95

Trichromacy



Original Color
EB86B0



Protanomaly
BB9ABC



Deuteranomaly
C797AD

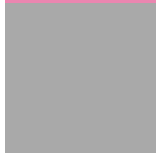


Tritanomaly
E9899F

Monochromacy



Original Color
EB86B0



Achromatopsia
A9A9A9



Achromatomaly
C19CAC

CSS Examples

Text

The CSS property to change the color of the text to Hex EB86B0 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 #EB86B0 looks like.

```
.text, #text, p{  
    color:#EB86B0  
}
```

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 #EB86B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EB86B0
}
```

Border

The CSS property to change the border of an element to Hex EB86B0 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
#EB86B0 }
```

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

```
.border{ border-color:#EB86B0 }
```

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

Here you see how a box with a 4 pixel #EB86B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EB86B0; -webkit-box-shadow:4px 4px  
4px 4px #EB86B0; box-shadow:4px 4px 4px  
4px #EB86B0 }
```

Background

The CSS property to change the background color of an element to Hex EB86B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EB86B0 }
```

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

```
.background{ background-color:#EB86B0 }
```

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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