

Converting Colors

Hex(EB87CC)

Have a look what the booklet for
Hex(EB87CC) contains.

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Color

Hex(EB87CC)

Conversions

Conversions Part 1

Format	Color
Hex	EB87CC
RGB	235, 135, 204
RGB Percent	92%, 53%, 80%
CMY	0.0784, 0.4706, 0.2000
CMYK	0.00, 0.43, 0.13, 0.08
HSL	319°, 71%, 73%
HSV	319°, 43%, 92%
XYZ	53.8240, 39.3497, 61.8852
YIQ	172.7660, 37.4510, 42.6590

Conversions

Conversions Part 2

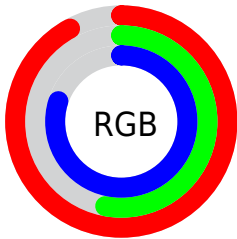
Format	Color
R _Y B	235, 135, 204
Decimal	15435724
CIE Lab	69.00, 47.27, -19.11
CIE LCh	69, 50.986, 337.988
Yxy	39.3497, 0.3471, 0.2538
Android (android.graphics.Color)	4293625804 (0xFFEB87CC)
YUV	172.7660, 15.3984, 54.5792
Hunter-Lab	62.7294, 43.3829, -14.5815

Details

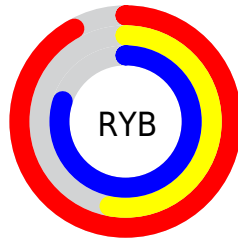
The Hex color **EB87CC** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **87EBA6**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **FFBEFF**, and **B15296** is the 20% darker color. If you saturate the color by 10%, you get **EB70C5**, and if you desaturate by 10%, it is **EB9FD3**.

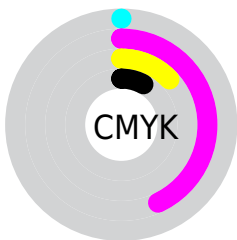
Distribution



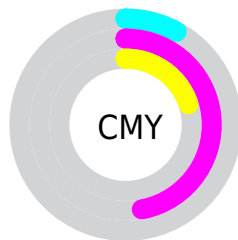
- Red (92%)
- Green (53%)
- Blue (80%)



- Red (92%)
- Yellow (53%)
- Blue (80%)



- Cyan (0%)
- Magenta (43%)
- Yellow (13%)
- Black (8%)



- Cyan (8%)
- Magenta (47%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color EB87CC 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 EB87CC by changing the saturation by 10% instead.

 EB87CC

 EB87CC

FFFFFF

 CE6CB0

 FFBEFF

 B15296

 FFDBFF

 95387C

 FFF8FF

 7A1B63

 5F004B

 450034

 2F001F

 000000

 EB87CC

 EB87CC

 EB70C5

 EB9FD3

 EB58BD

 EBB6DB

 EB41B6

 EBCEE2

 EB29AF

 EBE5E9

 EB12A8

 EBFDF0

 EB00A2

 EBFFF8

 EBFFFF

Harmonies

Analogous

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



BC97F1



EB87CC



FF819E

Triad

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



EB87CC



B8AA49



00BEE0

Complementary

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



EB87CC



87EBA6

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.



00C0B4



EB87CC



86B65D

Square

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



EB87CC



DF9A52



43BD84



00B7FD

Rectangle

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



EB87CC



FD8580



43BD84



00BFD2

Sweetspot

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



EB87CC



FFDEF5



A587EB



806B79



000000



808080

Same Dimension

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



EB87CC



FF7DD7



EB879B



756A72



B5007D



360025

Inverse Universe

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



EB87CC



FF7DD7



87EBD7



756A72



B5007D



360025

Previews

White Background



This preview shows how the Hex color EB87CC looks on a white background.

Color Contrast Check

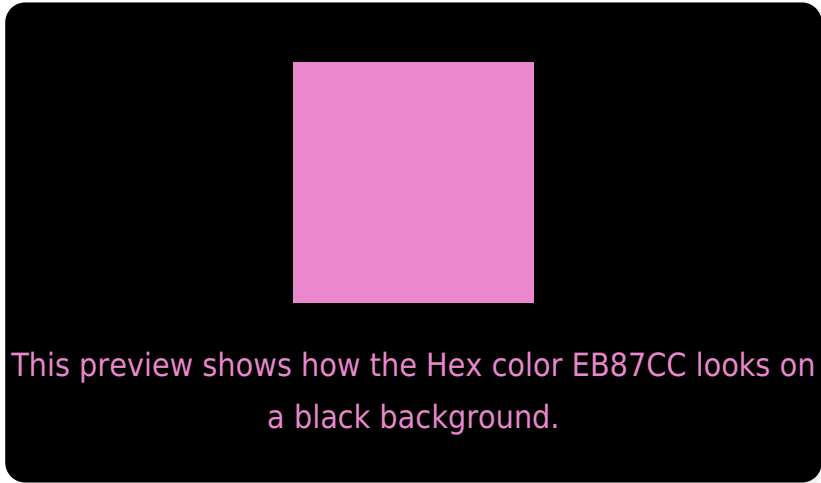
Large Text (above 18pt) WCAG AA × Fail

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 EB87CC Background



This preview shows how black text looks on a background with the Hex color EB87CC.

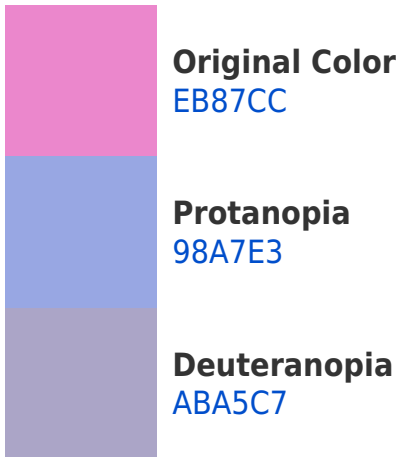



This preview shows how white text looks on a background with the Hex color EB87CC.

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
E6919C

Trichromacy



Original Color
EB87CC



Protanomaly
B69BDB



Deuteranomaly
C29AC9

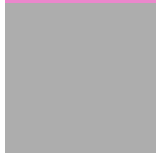


Tritanomaly
E88DAD

Monochromacy



Original Color
EB87CC



Achromatopsia
ADADAD



Achromatomaly
C49FB8

CSS Examples

Text

The CSS property to change the color of the text to Hex EB87CC 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 #EB87CC looks like.

```
.text, #text, p{  
    color:#EB87CC  
}
```

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 #EB87CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EB87CC
}
```

Border

The CSS property to change the border of an element to Hex EB87CC 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
#EB87CC }
```

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

```
.border{ border-color:#EB87CC }
```

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

Here you see how a box with a 4 pixel #EB87CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EB87CC; -webkit-box-shadow:4px 4px  
4px 4px #EB87CC; box-shadow:4px 4px 4px  
4px #EB87CC }
```

Background

The CSS property to change the background color of an element to Hex EB87CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EB87CC }
```

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

```
.background{ background-color:#EB87CC }
```

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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