

Converting Colors

Hex(EB789F)

Have a look what the booklet for
Hex(EB789F) contains.

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Color

Hex(EB789F)

Conversions

Conversions Part 1

Format	Color
Hex	EB789F
RGB	235, 120, 159
RGB Percent	92%, 47%, 62%
CMY	0.0784, 0.5294, 0.3765
CMYK	0.00, 0.49, 0.32, 0.08
HSL	340°, 74%, 70%
HSV	340°, 49%, 92%
XYZ	47.2354, 33.5983, 36.7964
YIQ	158.8310, 56.0210, 36.5090

Conversions

Conversions Part 2

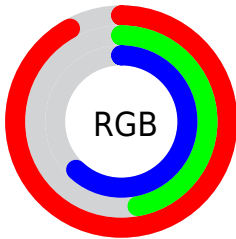
Format	Color
R _Y B	235, 120, 159
Decimal	15431839
CIE Lab	64.64, 48.45, -0.27
CIE LCh	65, 48.451, 359.681
Yxy	33.5983, 0.4016, 0.2856
Android (android.graphics.Color)	4293621919 (0xFFEB789F)
YUV	158.8310, 0.0833, 66.8002
Hunter-Lab	57.9641, 44.0242, 2.9367

Details

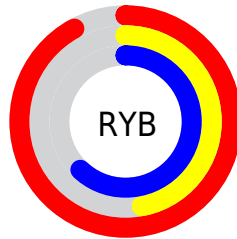
The Hex color **EB789F** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **78EBC4**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **FFAFD6**, and **B0436C** is the 20% darker color. If you saturate the color by 10%, you get **EB618F**, and if you desaturate by 10%, it is **EB8FAF**.

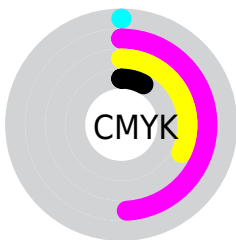
Distribution



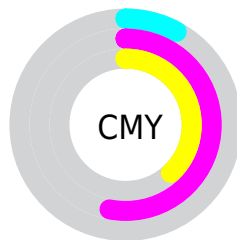
- Red (92%)
- Green (47%)
- Blue (62%)



- Red (92%)
- Yellow (47%)
- Blue (62%)



- Cyan (0%)
- Magenta (49%)
- Yellow (32%)
- Black (8%)



- Cyan (8%)
- Magenta (53%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color EB789F 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 EB789F by changing the saturation by 10% instead.

 EB789F

 EB789F

FFFFFF

 CD5D85

 FFAFD6

 B0436C

 FFCBF2

 942754

 FFE8FF

 77013D

 5C0027

 410012

 270001

 000000

 EB789F

 EB789F

 EB618F

 EB8FAF

 EB4980

 EBA7BE

 EB3270

 EBBFCE

 EB1A61

 EBD6DD

 EB0251

 EBEEED

 EB0050

 EBFFFC

 EBFFFF

Harmonies

Analogous

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



D281C9



EB789F



EC7C74

Triad

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



EB789F



8BA74E



00ACE7

Complementary

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



EB789F



78EBC4

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.



00B2C6



EB789F



53AF6F

Square

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



EB789F



B69A43



00B39B



4AA1F3

Rectangle

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



EB789F



E1855C



00B39B



00AFDE

Sweetspot

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



EB789F



FFD9E6



C378EB



806970



000000



808080

Same Dimension

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



EB789F



FF699C



EB8978



756A6E



B5003D



360012

Inverse Universe

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



EB789F



FF699C



78DAEB



756A6E



B5003D



360012

Previews

White Background



This preview shows how the Hex color EB789F looks on a white background.

Color Contrast Check

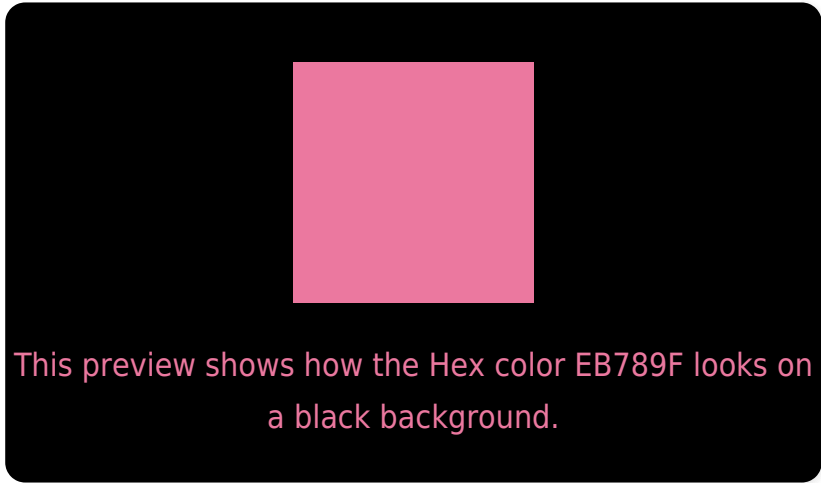
Large Text (above 18pt) WCAG AA × Fail

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 EB789F Background



This preview shows how black text looks on a background with the Hex color EB789F.




This preview shows how white text looks on a background with the Hex color EB789F.

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
E97D86

Trichromacy



Original Color
EB789F



Protanomaly
B78FAD



Deuteranomaly
C48C9C

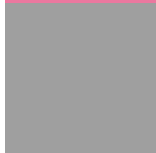


Tritanomaly
EA7B8F

Monochromacy



Original Color
EB789F



Achromatopsia
9F9F9F



Achromatomaly
BB919F

CSS Examples

Text

The CSS property to change the color of the text to Hex EB789F 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 #EB789F looks like.

```
.text, #text, p{  
    color:#EB789F  
}
```

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 #EB789F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EB789F
}
```

Border

The CSS property to change the border of an element to Hex EB789F 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
#EB789F }
```

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

```
.border{ border-color:#EB789F }
```

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

Here you see how a box with a 4 pixel #EB789F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EB789F; -webkit-box-shadow:4px 4px  
4px 4px #EB789F; box-shadow:4px 4px 4px  
4px #EB789F }
```

Background

The CSS property to change the background color of an element to Hex EB789F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EB789F }
```

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

```
.background{ background-color:#EB789F }
```

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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