

Converting Colors

Hex(EB78BC)

Have a look what the booklet for
Hex(EB78BC) contains.

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Color

Hex(**EB78BC**)

Conversions

Conversions Part 1

Format	Color
Hex	EB78BC
RGB	235, 120, 188
RGB Percent	92%, 47%, 74%
CMY	0.0784, 0.5294, 0.2627
CMYK	0.00, 0.49, 0.20, 0.08
HSL	325°, 74%, 70%
HSV	325°, 49%, 92%
XYZ	50.0545, 34.7259, 51.6416
YIQ	162.1370, 46.7120, 45.5280

Conversions

Conversions Part 2

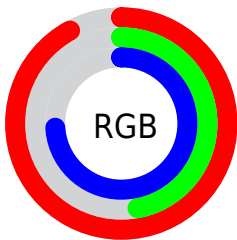
Format	Color
RYB	235, 120, 188
Decimal	15431868
CIELab	65.53, 52.33, -15.39
CIELCh	66, 54.548, 343.608
Yxy	34.7259, 0.3669, 0.2545
Android (android.graphics.Color)	4293621948 (0xFFEB78BC)
YUV	162.1370, 12.7505, 63.9009
Hunter-Lab	58.9287, 48.4940, -10.7081

Details

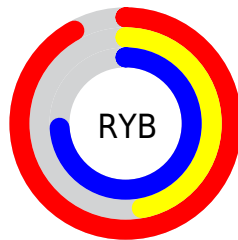
The Hex color **EB78BC** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **78EBA7**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **FFAFF4**, and **B14287** is the 20% darker color. If you saturate the color by 10%, you get **EB61B2**, and if you desaturate by 10%, it is **EB8FC6**.

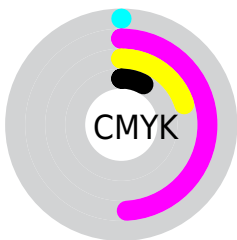
Distribution



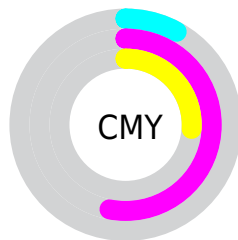
- Red (92%)
- Green (47%)
- Blue (74%)



- Red (92%)
- Yellow (47%)
- Blue (74%)



- Cyan (0%)
- Magenta (49%)
- Yellow (20%)
- Black (8%)



- Cyan (8%)
- Magenta (53%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color EB78BC 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 EB78BC by changing the saturation by 10% instead.

 EB78BC

 EB78BC

FFFFFF

 CE5DA1

 FFAFF4

 B14287

 FFCCFF

 94256D

 FFE9FF

 790055

 5D003E

 430028

 2A0012

 000000

 EB78BC

 EB78BC

 EB61B2

 EB8FC6

 EB49A9

 EBA7CF

 EB329F

 EBBFD9

 EB1A96

 EBD6E2

 EB028C

 EBEEEE

 EB008B

 EBFFF6

 EBFFFF

Harmonies

Analogous

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



BF89E6



EB78BC



FA748B

Triad

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



EB78BC



A5A43A



00B5E1

Complementary

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



EB78BC



78EBA7

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.



00B7B5



EB78BC



6FAF55

Square

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



EB78BC



D1933E



00B682



00ACFD

Rectangle

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



EB78BC



F57B6C



00B682



00B6D4

Sweetspot

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



EB78BC



FFD9EF



A678EB



806976



000000



808080

Same Dimension

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



EB78BC



FF69C2



EB7884



756A71



B5006B



360020

Inverse Universe

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



EB78BC



FF69C2



78EBDF



756A71



B5006B



360020

Previews

White Background



This preview shows how the Hex color EB78BC 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 EB78BC Background



This preview shows how black text looks on a background with the Hex color EB78BC.

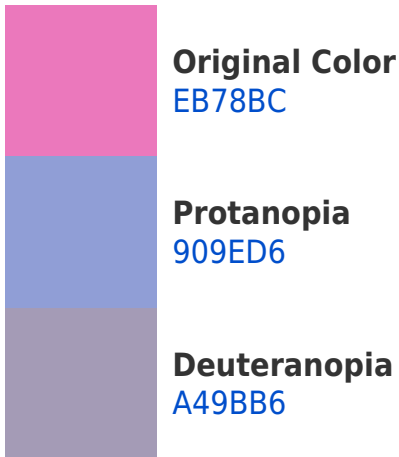



This preview shows how white text looks on a background with the Hex color EB78BC.

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
E6828C

Trichromacy



Original Color
EB78BC



Protanomaly
B190CD



Deuteranomaly
BE8EB8



Tritanomaly
E87E9D

Monochromacy



Original Color
EB78BC



Achromatopsia
A2A2A2



Achromatomaly
BD93AB

CSS Examples

Text

The CSS property to change the color of the text to Hex EB78BC 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 #EB78BC looks like.

```
.text, #text, p{  
    color:#EB78BC  
}
```

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 #EB78BC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EB78BC
}
```

Border

The CSS property to change the border of an element to Hex EB78BC 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
#EB78BC }
```

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

```
.border{ border-color:#EB78BC }
```

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

Here you see how a box with a 4 pixel #EB78BC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EB78BC; -webkit-box-shadow:4px 4px  
4px 4px #EB78BC; box-shadow:4px 4px 4px  
4px #EB78BC }
```

Background

The CSS property to change the background color of an element to Hex EB78BC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EB78BC }
```

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

```
.background{ background-color:#EB78BC }
```

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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