

Converting Colors

Hex(EB67A7)

Have a look what the booklet for
Hex(EB67A7) contains.

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Color

Hex(EB67A7)

Conversions

Conversions Part 1

Format	Color
Hex	EB67A7
RGB	235, 103, 167
RGB Percent	92%, 40%, 65%
CMY	0.0784, 0.5961, 0.3451
CMYK	0.00, 0.56, 0.29, 0.08
HSL	331°, 77%, 66%
HSV	331°, 56%, 92%
XYZ	46.0862, 30.1527, 39.9503
YIQ	149.7640, 58.1280, 47.8880

Conversions

Conversions Part 2

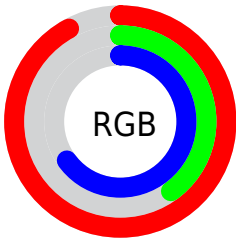
Format	Color
R _Y B	235, 103, 167
Decimal	15427495
CIE Lab	61.79, 57.53, -9.07
CIE LCh	62, 58.235, 351.043
Yxy	30.1527, 0.3966, 0.2595
Android (android.graphics.Color)	4293617575 (0xFFEB67A7)
YUV	149.7640, 8.4973, 74.7520
Hunter-Lab	54.9115, 53.7169, -4.6978

Details

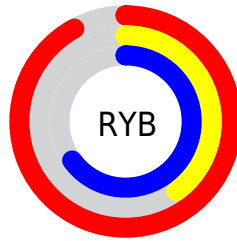
The Hex color **EB67A7** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **67EBAB**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **FF9FDE**, and **B02E73** is the 20% darker color. If you saturate the color by 10%, you get **EB4F9B**, and if you desaturate by 10%, it is **EB7FB3**.

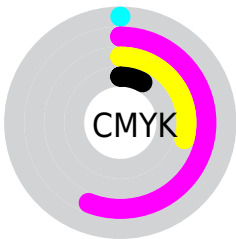
Distribution



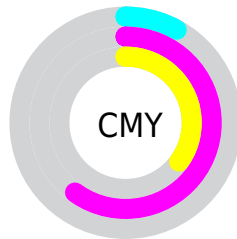
- Red (92%)
- Green (40%)
- Blue (65%)



- Red (92%)
- Yellow (40%)
- Blue (65%)



- Cyan (0%)
- Magenta (56%)
- Yellow (29%)
- Black (8%)



- Cyan (8%)
- Magenta (60%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color EB67A7 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 EB67A7 by changing the saturation by 10% instead.

 EB67A7

 EB67A7

FFFFFF

 CD4B8D

 FF9FDE

 B02E73

 FFBBFB

 93025B

 FFD8FF

 770043

 FFF5FF

 5B002D

 410019

 240001

 000000

 EB67A7

 EB67A7

 EB4F9B

 EB7FB3

 EB388F

 EB96BF

 EB2183

 EBAECB

 EB0977

 EBC5D7

 EB0072

 EBDDE4

 EBF4F0

 EBFFFC

 EBFFFF

Harmonies

Analogous

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



C578D7



EB67A7



F36873

Triad

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



EB67A7



8D9E2B



00AAE5

Complementary

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



EB67A7



67EBAB

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.



00AEB9



EB67A7



4DA851

Square

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



EB67A7



BE8D27



00AD84



00A0FB

Rectangle

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



EB67A7



EA7254



00AD84



00ACD8

Sweetspot

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



EB67A7



FFD4E9



A967EB



806672



000000



808080

Same Dimension

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



EB67A7



FF54A7



EB6767



756A6F



B50058



36001A

Inverse Universe

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



EB67A7



FF54A7



67EBEB



756A6F



B50058



36001A

Previews

White Background



This preview shows how the Hex color EB67A7 looks on a white background.

Color Contrast Check

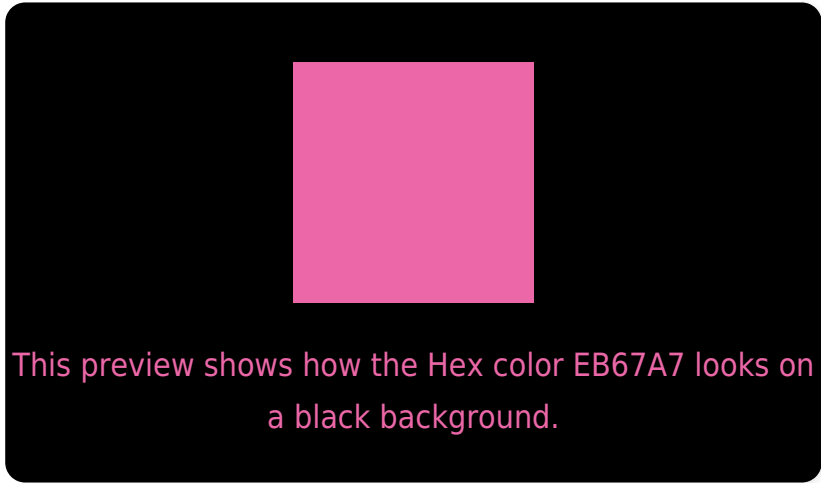
Large Text (above 18pt) WCAG AA × Fail

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 EB67A7 Background



This preview shows how black text looks on a background with the Hex color EB67A7.

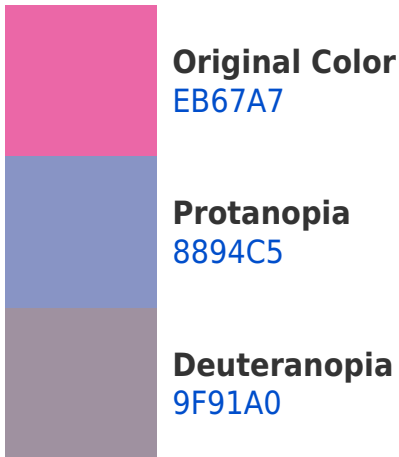


This preview shows how white text looks on a background with the Hex color EB67A7.

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
E77179

Trichromacy



Original Color
EB67A7



Protanomaly
AC84BA



Deuteranomaly
BB82A3



Tritanomaly
E86D8A

Monochromacy



Original Color
EB67A7



Achromatopsia
969696



Achromatomaly
B5859C

CSS Examples

Text

The CSS property to change the color of the text to Hex EB67A7 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 #EB67A7 looks like.

```
.text, #text, p{  
    color:#EB67A7  
}
```

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 #EB67A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EB67A7
}
```

Border

The CSS property to change the border of an element to Hex EB67A7 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
#EB67A7 }
```

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

```
.border{ border-color:#EB67A7 }
```

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

Here you see how a box with a 4 pixel #EB67A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EB67A7; -webkit-box-shadow:4px 4px  
4px 4px #EB67A7; box-shadow:4px 4px 4px  
4px #EB67A7 }
```

Background

The CSS property to change the background color of an element to Hex EB67A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EB67A7 }
```

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

```
.background{ background-color:#EB67A7 }
```

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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