

Converting Colors

Hex(EB86E7)

Have a look what the booklet for
Hex(EB86E7) contains.

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Color

Hex(EB86E7)

Conversions

Conversions Part 1

Format	Color
Hex	EB86E7
RGB	235, 134, 231
RGB Percent	92%, 53%, 91%
CMY	0.0784, 0.4745, 0.0941
CMYK	0.00, 0.43, 0.02, 0.08
HSL	302°, 72%, 72%
HSV	302°, 43%, 92%
XYZ	57.2099, 40.4819, 80.3998
YIQ	175.2570, 29.0590, 51.5790

Conversions

Conversions Part 2

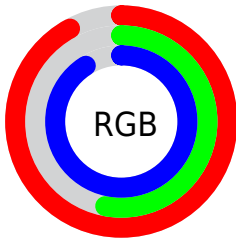
Format	Color
RYB	235, 134, 231
Decimal	15435495
CIELab	69.81, 52.29, -32.82
CIElCh	70, 61.734, 327.884
Yxy	40.4819, 0.3212, 0.2273
Android (android.graphics.Color)	4293625575 (0xFFEB86E7)
YUV	175.2570, 27.4813, 52.3946
Hunter-Lab	63.6254, 49.1569, -30.3837

Details

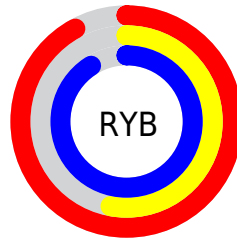
The Hex color **EB86E7** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **86EB8A**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **FFBEFF**, and **B150AF** is the 20% darker color. If you saturate the color by 10%, you get **EB6FE6**, and if you desaturate by 10%, it is **EB9EE8**.

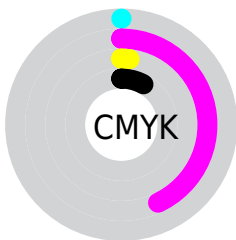
Distribution



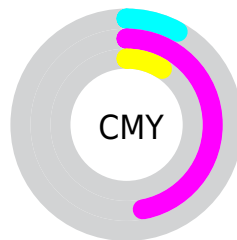
- Red (92%)
- Green (53%)
- Blue (91%)



- Red (92%)
- Yellow (53%)
- Blue (91%)



- Cyan (0%)
- Magenta (43%)
- Yellow (2%)
- Black (8%)



- Cyan (8%)
- Magenta (47%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color EB86E7 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 EB86E7 by changing the saturation by 10% instead.

 EB86E7

FFFFFF

 FFBEFF

 FFDAFF

 FFF7FF

 EB86E7

 CE6BCB

 B150AF

 953594

 7A177A

 5F0061

 450049

 2F0032

 04001C

 000000

 EB86E7

 EB86E7

 EB6FE6

 EB9EE8

 EB57E5

 EBB5E9

 EB40E4

 EBCDEA

 EB28E3

 EBE4EB

 EB11E2

 EBFCEC

 EB00E2

 EBFFED

 EBFFEE

 EBFFEF

Harmonies

Analogous

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



A59DFF



EB86E7



FF78B1

Triad

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



EB86E7



CCA632



00C5DD

Complementary

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



EB86E7



86EB8A

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.



00C5A5



EB86E7



95B740

Square

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



EB86E7



F7914B



47C16C



00BFFF

Rectangle

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



EB86E7



FF798B



47C16C



00C6CB

Sweetspot

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



EB86E7



FFDEFE



8986EB



806B7F



000000



808080

Same Dimension

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



EB86E7



FF7AFA



EB86B5



756A75



B500AE



360033

Inverse Universe

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



EB86E7



FF7AFA



86EBBC



756A75



B500AE



360033

Previews

White Background



This preview shows how the Hex color EB86E7 looks on a white background.

Color Contrast Check

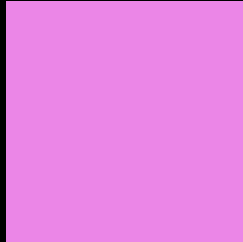
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color EB86E7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

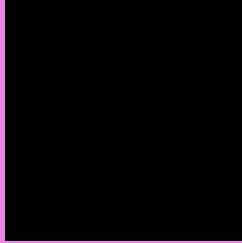
Any Text WCAG AA ✓ Pass

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 EB86E7 Background



This preview shows how black text looks on a background with the Hex color EB86E7.



This preview shows how white text looks on a background with the Hex color EB86E7.

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
E295A1

Trichromacy



Original Color
EB86E7



Protanomaly
AF9CF6



Deuteranomaly
BA9CE3

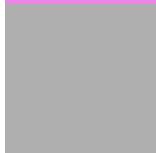


Tritanomaly
E590BA

Monochromacy



Original Color
EB86E7



Achromatopsia
AF AFAF



Achromatomaly
C5A0C3

CSS Examples

Text

The CSS property to change the color of the text to Hex EB86E7 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 #EB86E7 looks like.

```
.text, #text, p{  
  color:#EB86E7  
}
```

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 #EB86E7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EB86E7  
}
```

Border

The CSS property to change the border of an element to Hex EB86E7 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  
#EB86E7 }
```

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

```
.border{ border-color:#EB86E7 }
```

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

Here you see how a box with a 4 pixel #EB86E7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EB86E7; -webkit-box-shadow:4px 4px  
4px 4px #EB86E7; box-shadow:4px 4px 4px  
4px #EB86E7 }
```

Background

The CSS property to change the background color of an element to Hex EB86E7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EB86E7 }
```

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

```
.background{ background-color:#EB86E7 }
```

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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