

Converting Colors

Hex(EB85F7)

Have a look what the booklet for
Hex(EB85F7) contains.

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Color

Hex(EB85F7)

Conversions

Conversions Part 1

Format	Color
Hex	EB85F7
RGB	235, 133, 247
RGB Percent	92%, 52%, 97%
CMY	0.0784, 0.4784, 0.0314
CMYK	0.05, 0.46, 0.00, 0.03
HSL	294°, 88%, 75%
HSV	294°, 46%, 97%
XYZ	59.4370, 41.1526, 92.8063
YIQ	176.4940, 24.1980, 57.0780

Conversions

Conversions Part 2

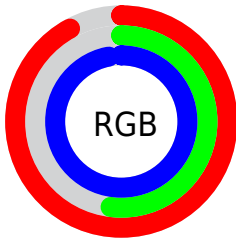
Format	Color
R_{YB}	235, 133, 247
Decimal	15435255
CIE _{Lab}	70.28, 55.66, -40.86
CIE _{LCh}	70, 69.054, 323.716
Yxy	41.1526, 0.3073, 0.2128
Android (android.graphics.Color)	4293625335 (0xFFEB85F7)
YUV	176.4940, 34.7595, 51.3098
Hunter-Lab	64.1503, 53.1220, -40.8696

Details

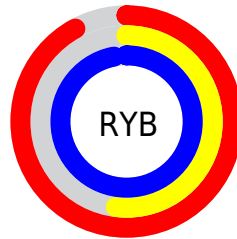
The Hex color **EB85F7** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **91F785**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **FFBDFF**, and **B14FBE** is the 20% darker color. If you saturate the color by 10%, you get **E86CF7**, and if you desaturate by 10%, it is **EE9EF7**.

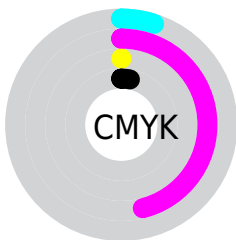
Distribution



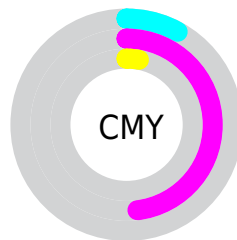
- Red (92%)
- Green (52%)
- Blue (97%)



- Red (92%)
- Yellow (52%)
- Blue (97%)



- Cyan (5%)
- Magenta (46%)
- Yellow (0%)
- Black (3%)



- Cyan (8%)
- Magenta (48%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color EB85F7 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 EB85F7 by changing the saturation by 10% instead.

 EB85F7

FFFFFF

 FFBDF7

 FFD9FF

 FFF7FF

 EB85F7

 CE6ADA

 B14FBE

 9533A3

 791388

 5E006E

 440055

 2D003E

 050027

 000110

 EB85F7

 EB85F7

 E86CF7

 EE9EF7

 E654F7

 F0B6F7

 E33BF7

 F3CFF7

 E122F7

 F5E8F7

 DE09F7

 F8FFF7

 DD00F7

 FBFFF7

 FDFFF7

 FFFFF7

Harmonies

Analogous

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



94A1FF



EB85F7



FF71BC

Triad

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



EB85F7



D7A41E



00C9DD

Complementary

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



EB85F7



91F785

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.



00C99C



EB85F7



9BB72A

Square

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



EB85F7



FF8B46



46C35D



00C4FF

Rectangle

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



EB85F7



FF7092



46C35D



00CAC8

Sweetspot

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



EB85F7



FBDBFF



8592F7



7D6A80



000000



808080

Same Dimension

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



EB85F7



F073FF



F785CB



796E7A



A700BA



34003B

Inverse Universe

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



F78591



FF7382



85F7B1



7A6E6F



BA0014



3B0006

Previews

White Background



This preview shows how the Hex color EB85F7 looks on a white background.

Color Contrast Check

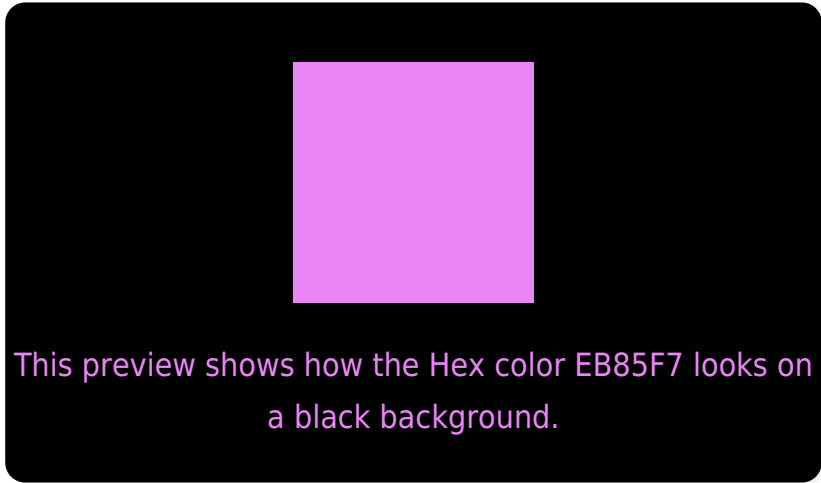
Large Text (above 18pt) WCAG AA × Fail

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 EB85F7 Background



This preview shows how black text looks on a background with the Hex color EB85F7.

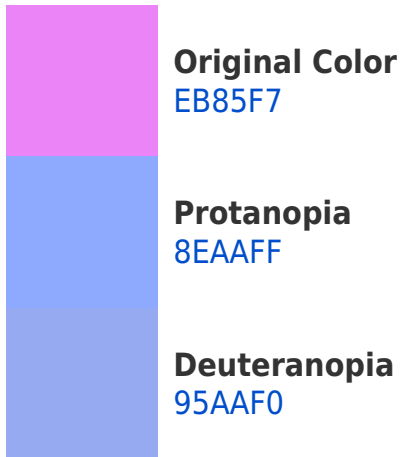


This preview shows how white text looks on a background with the Hex color EB85F7.

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
E098A4

Trichromacy



Original Color
EB85F7



Protanomaly
B09DFC



Deuteranomaly
B49DF3



Tritanomaly
E491C2

Monochromacy



Original Color
EB85F7



Achromatopsia
B0B0B0



Achromatomaly
C5A0CA

CSS Examples

Text

The CSS property to change the color of the text to Hex EB85F7 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 #EB85F7 looks like.

```
.text, #text, p{  
  color:#EB85F7  
}
```

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 #EB85F7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EB85F7
}
```

Border

The CSS property to change the border of an element to Hex EB85F7 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
#EB85F7 }
```

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

```
.border{ border-color:#EB85F7 }
```

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

Here you see how a box with a 4 pixel #EB85F7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EB85F7; -webkit-box-shadow:4px 4px  
4px 4px #EB85F7; box-shadow:4px 4px 4px  
4px #EB85F7 }
```

Background

The CSS property to change the background color of an element to Hex EB85F7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EB85F7 }
```

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

```
.background{ background-color:#EB85F7 }
```

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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