

Converting Colors

Hex(EB94F7)

Have a look what the booklet for
Hex(EB94F7) contains.

Hex(EB94F7)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(EB94F7)

Conversions

Conversions Part 1

Format	Color
Hex	EB94F7
RGB	235, 148, 247
RGB Percent	92%, 58%, 97%
CMY	0.0784, 0.4196, 0.0314
CMYK	0.05, 0.40, 0.00, 0.03
HSL	293°, 86%, 77%
HSV	293°, 40%, 97%
XYZ	61.6394, 45.5574, 93.5404
YIQ	185.2990, 20.0730, 49.2330

Conversions

Conversions Part 2

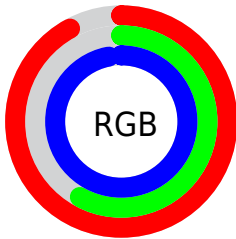
Format	Color
R _Y B	235, 148, 247
Decimal	15439095
CIE Lab	73.26, 48.06, -36.23
CIE LCh	73, 60.188, 322.985
Yxy	45.5574, 0.3071, 0.2270
Android (android.graphics.Color)	4293629175 (0xFFEB94F7)
YUV	185.2990, 30.4186, 43.5878
Hunter-Lab	67.4962, 44.8927, -34.9204

Details

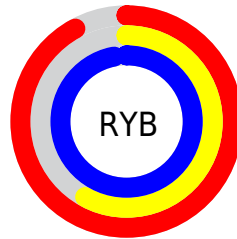
The Hex color **EB94F7** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **A0F794**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **FFCCFF**, and **B25FBE** is the 20% darker color. If you saturate the color by 10%, you get **E87BF7**, and if you desaturate by 10%, it is **EEADF7**.

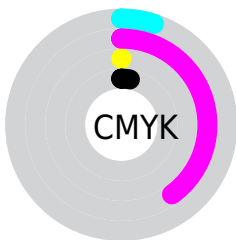
Distribution



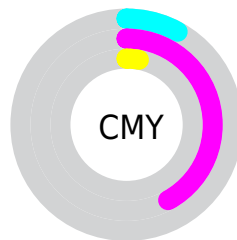
- Red (92%)
- Green (58%)
- Blue (97%)



- Red (92%)
- Yellow (58%)
- Blue (97%)



- Cyan (5%)
- Magenta (40%)
- Yellow (0%)
- Black (3%)



- Cyan (8%)
- Magenta (42%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color EB94F7 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 EB94F7 by changing the saturation by 10% instead.

 EB94F7

FFFFFF

 FFCCFF

 FFE8FF

 EB94F7

 CE79DA

 B25FBE

 9645A3

 7B2A88

 600B6F

 460056

 2E003E

 100027

 000111

 EB94F7

 EB94F7

 E87BF7

 EEADF7

 E563F7

 F1C5F7

 E24AF7

 F4DEF7

 DF31F7

 F7F7F7

 DC19F7

 FAFFF7

 D900F7

 FDFFF7

 FFFF7

Harmonies

Analogous

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



A0ABFF



EB94F7



FF84C3

Triad

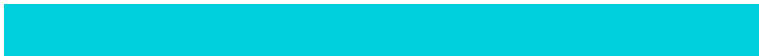
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



EB94F7



DEAD41



00CFDD

Complementary

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



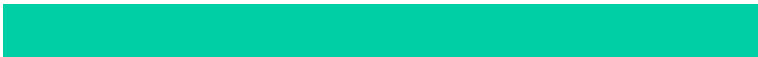
EB94F7



A0F794

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.



00CEA5



EB94F7



A9BE48

Square

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



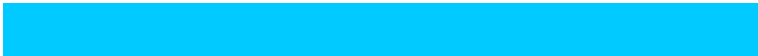
EB94F7



FF975D



65C96F



00CAFF

Rectangle

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



EB94F7



FF839E



65C96F



00CFCB

Sweetspot

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



EB94F7



FBE0FF



94A1F7



7D6E80



000000



808080

Same Dimension

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



EB94F7



F085FF



F794D3



796E7A



A400BA



34003B

Inverse Universe

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



F794A0



FF8593



94F7B8



7A6E70



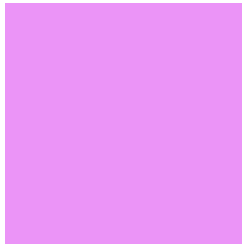
BA0017



3B0007

Previews

White Background



This preview shows how the Hex color EB94F7 looks on a white background.

Color Contrast Check

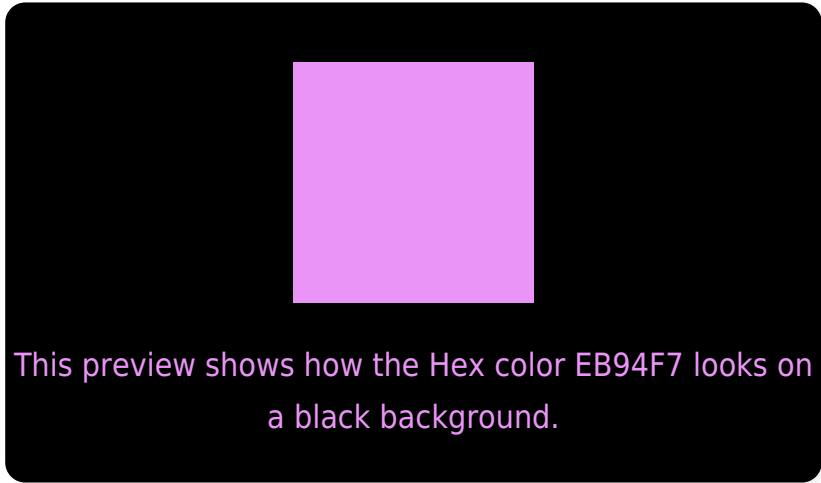
Large Text (above 18pt) WCAG AA × Fail

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

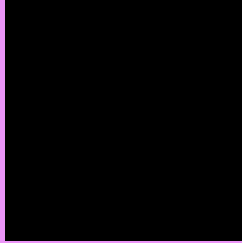
Any Text WCAG AA ✓ Pass

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 EB94F7 Background



This preview shows how black text looks on a background with the Hex color EB94F7.

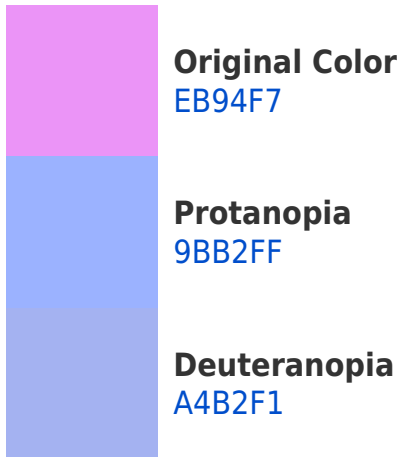


This preview shows how white text looks on a background with the Hex color EB94F7.

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
E1A3B0

Trichromacy



Original Color
EB94F7



Protanomaly
B8A7FC



Deuteranomaly
BEA7F3



Tritanomaly
E59ECA

Monochromacy



Original Color
EB94F7



Achromatopsia
B9B9B9



Achromatomaly
CBACD0

CSS Examples

Text

The CSS property to change the color of the text to Hex EB94F7 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 #EB94F7 looks like.

```
.text, #text, p{  
    color:#EB94F7  
}
```

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 #EB94F7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EB94F7
}
```

Border

The CSS property to change the border of an element to Hex EB94F7 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
#EB94F7 }
```

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

```
.border{ border-color:#EB94F7 }
```

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

Here you see how a box with a 4 pixel #EB94F7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EB94F7; -webkit-box-shadow:4px 4px  
4px 4px #EB94F7; box-shadow:4px 4px 4px  
4px #EB94F7 }
```

Background

The CSS property to change the background color of an element to Hex EB94F7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EB94F7 }
```

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

```
.background{ background-color:#EB94F7 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor