

# Converting Colors

Hex(EB94E7)

Have a look what the booklet for  
Hex(EB94E7) contains.

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# Color

**Hex(EB94E7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EB94E7
RGB	235, 148, 231
RGB Percent	92%, 58%, 91%
CMY	0.0784, 0.4196, 0.0941
CMYK	0.00, 0.37, 0.02, 0.08
HSL	303°, 69%, 75%
HSV	303°, 37%, 92%
XYZ	59.2747, 44.6115, 81.0881
YIQ	183.4750, 25.2090, 44.2570

# Conversions

## Conversions Part 2

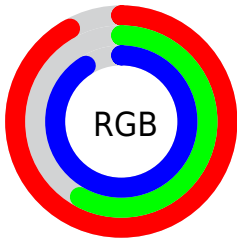
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	235, 148, 231
Decimal	15439079
CIE Lab	72.64, 45.13, -28.47
CIE LCh	73, 53.361, 327.761
Yxy	44.6115, 0.3204, 0.2412
Android (android.graphics.Color)	4293629159 (0xFFEB94E7)
YUV	183.4750, 23.4298, 45.1874
Hunter-Lab	66.7918, 41.5247, -25.2262

# Details

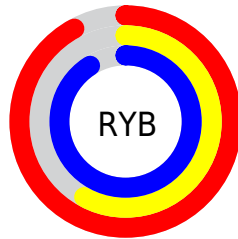
The Hex color **EB94E7** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **94EB98**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **FFCCFF**, and **B25FAF** is the 20% darker color. If you saturate the color by 10%, you get **EB7DE6**, and if you desaturate by 10%, it is **EBACE8**.

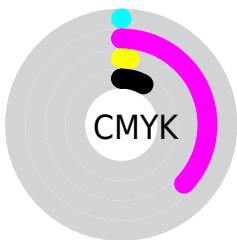
# Distribution



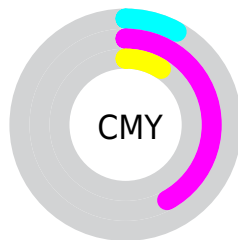
- Red (92%)
- Green (58%)
- Blue (91%)



- Red (92%)
- Yellow (58%)
- Blue (91%)



- Cyan (0%)
- Magenta (37%)
- Yellow (2%)
- Black (8%)



- Cyan (8%)
- Magenta (42%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EB94E7 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 EB94E7 by changing the saturation by 10% instead.



 EB94E7

 EB94E7

FFFFFF

 CE79CB

 FFCCFF

 B25FAF

 FFE8FF

 964594

 7B2B7A

 610E61

 470049

 300032

 10001C

 000000

 EB94E7

 EB94E7

 EB7DE6

 EBACE8

 EB65E5

 EBC3E9

 EB4EE4

 EBDBEA

 EB36E3

 EBF2EB

 EB1FE2

 EBFFEC

 EB07E1

 EBFFED

 EB00E0

 EBFFEF

 EBFFF0

 EBFFF1

# Harmonies

## Analogous

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



AFA7FF



EB94E7



FF89B8

# Triad

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



EB94E7



D2AE4D



00CADE

# Complementary

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



EB94E7



94EB98

# 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.



00CBAD



EB94E7



A1BD58

# Square

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



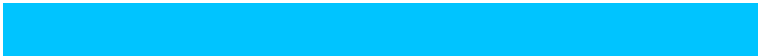
EB94E7



F79C60



63C67C



00C4FF

# Rectangle

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



EB94E7



FF8A97



63C67C



00CBCE



# Sweetspot

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



EB94E7



FFE3FE



9794EB



806F7F



000000



808080



# Same Dimension

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



EB94E7



FF8FFA



EB94BD



756A75



B500AD



360033



# Inverse Universe

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



EB94E7



FF8FFA



94EBC2



756A75



B500AD

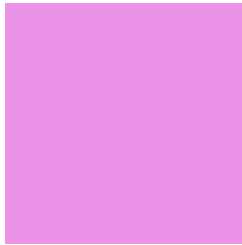


360033



# Previews

## White Background



This preview shows how the Hex color EB94E7 looks on a white background.

## Color Contrast Check

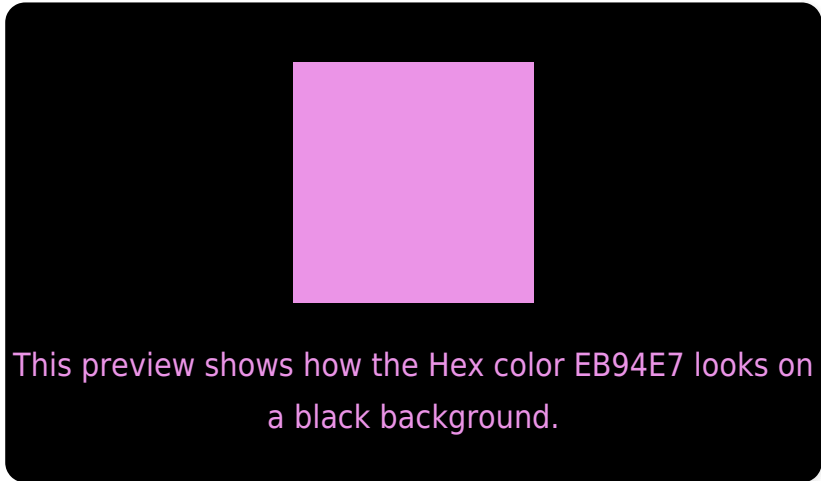
Large Text (above 18pt) WCAG AA × Fail

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 EB94E7 Background



This preview shows how black text looks on a background with the Hex color EB94E7.

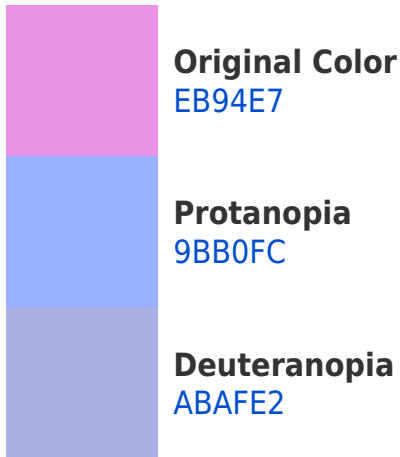


This preview shows how white text looks on a background with the Hex color EB94E7.

# 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**  
E3A0AC

# Trichromacy



**Original Color**  
EB94E7



**Protanomaly**  
B8A6F4



**Deuteranomaly**  
C2A5E4



**Tritanomaly**  
E69CC1

# Monochromacy



**Original Color**  
EB94E7



**Achromatopsia**  
B7B7B7



**Achromatomaly**  
CAAAC8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EB94E7 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 #EB94E7 looks like.

```
.text, #text, p{  
    color:#EB94E7  
}
```

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 #EB94E7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EB94E7
}
```

## Border

The CSS property to change the border of an element to Hex EB94E7 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
#EB94E7 }
```

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

```
.border{ border-color:#EB94E7 }
```

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

Here you see how a box with a 4 pixel #EB94E7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EB94E7; -webkit-box-shadow:4px 4px  
4px 4px #EB94E7; box-shadow:4px 4px 4px  
4px #EB94E7 }
```

# Background

The CSS property to change the background color of an element to Hex EB94E7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EB94E7 }
```

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

```
.background{ background-color:#EB94E7 }
```

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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