

# Converting Colors

Hex(EB91E7)

Have a look what the booklet for  
Hex(EB91E7) contains.

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# Color

**Hex(EB91E7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EB91E7
RGB	235, 145, 231
RGB Percent	92%, 57%, 91%
CMY	0.0784, 0.4314, 0.0941
CMYK	0.00, 0.38, 0.02, 0.08
HSL	303°, 69%, 75%
HSV	303°, 38%, 92%
XYZ	58.8102, 43.6825, 80.9332
YIQ	181.7140, 26.0340, 45.8260

# Conversions

## Conversions Part 2

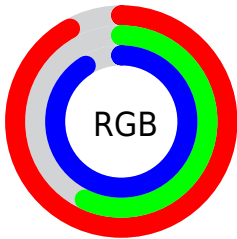
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	235, 145, 231
Decimal	15438311
CIE Lab	72.02, 46.69, -29.42
CIE LCh	72, 55.181, 327.783
Yxy	43.6825, 0.3206, 0.2381
Android (android.graphics.Color)	4293628391 (0xFFEB91E7)
YUV	181.7140, 24.2980, 46.7318
Hunter-Lab	66.0927, 43.1693, -26.3381

# Details

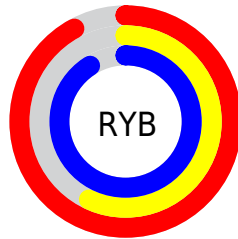
The Hex color **EB91E7** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **91EB95**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **FFC8FF**, and **B25CAF** is the 20% darker color. If you saturate the color by 10%, you get **EB7AE6**, and if you desaturate by 10%, it is **EBA9E8**.

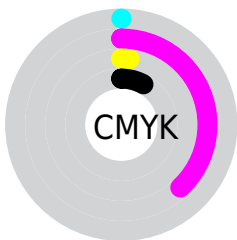
# Distribution



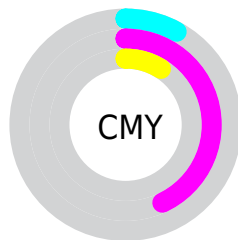
- Red (92%)
- Green (57%)
- Blue (91%)



- Red (92%)
- Yellow (57%)
- Blue (91%)



- Cyan (0%)
- Magenta (38%)
- Yellow (2%)
- Black (8%)



- Cyan (8%)
- Magenta (43%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EB91E7 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 EB91E7 by changing the saturation by 10% instead.



 EB91E7

 EB91E7

FFFFFF

 CE76CB

 FFC8FF

 B25CAF

 FFE5FF

 964294

 7B287A

 600761

 470049

 2F0032

 0E001C

 000000

 EB91E7

 EB91E7

 EB7AE6

 EBA9E8

 EB62E5

 EBC0E9

 EB4BE4

 EBD7EA

 EB33E3

 EBFEFB

 EB1BE2

 EBFFEC

 EB04E1

 EBFFED

 EB00E1

 EBFFEE

 EBFFEF

 EBFFF0

# Harmonies

## Analogous

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



ADA5FF



EB91E7



FF85B6

# Triad

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



EB91E7



D1AD48



00C9DE

# Complementary

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



EB91E7



91EB95

# 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.



00C9AB



EB91E7



9FBB53

# Square

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



EB91E7



F79A5C



5EC579



00C3FF

# Rectangle

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



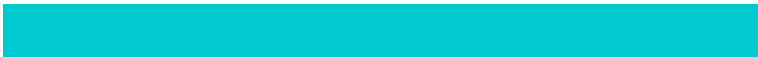
EB91E7



FF8694



5EC579



00CACE



# Sweetspot

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



EB91E7



FFE3FE



9491EB



806F7F



000000



808080



# Same Dimension

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



EB91E7



FF8AFA



EB91BB



756A75



B500AD



360033



# Inverse Universe

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



EB91E7



FF8AFA



91EBC1



756A75



B500AD



360033



# Previews

## White Background



This preview shows how the Hex color EB91E7 looks on a white background.

## Color Contrast Check

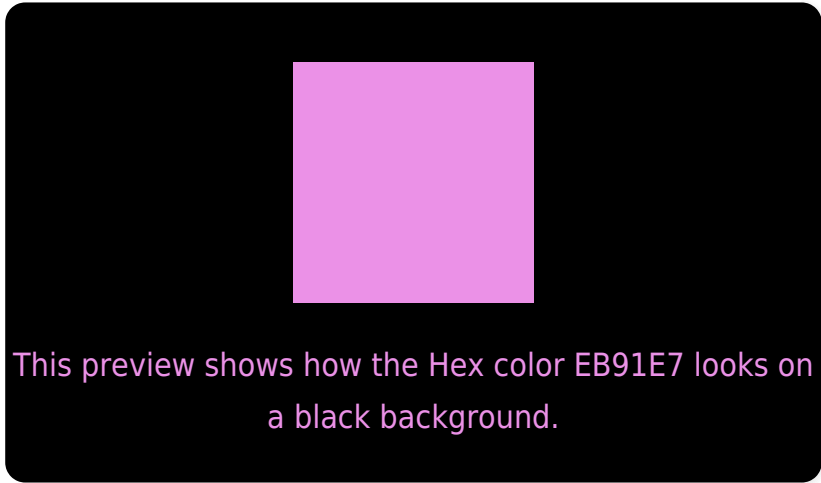
Large Text (above 18pt) WCAG AA × Fail

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 EB91E7 Background



This preview shows how black text looks on a background with the Hex color EB91E7.



This preview shows how white text looks on a background with the Hex color EB91E7.

# 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**  
E39EAA

# Trichromacy



**Original Color**  
EB91E7



**Protanomaly**  
B6A3F5



**Deuteranomaly**  
C0A3E4



**Tritanomaly**  
E699C0

# Monochromacy



**Original Color**  
EB91E7



**Achromatopsia**  
B6B6B6



**Achromatomaly**  
C9A9C8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EB91E7 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 #EB91E7 looks like.

```
.text, #text, p{  
    color:#EB91E7  
}
```

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 #EB91E7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EB91E7  
}
```

## Border

The CSS property to change the border of an element to Hex EB91E7 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  
#EB91E7 }
```

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

```
.border{ border-color:#EB91E7 }
```

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

Here you see how a box with a 4 pixel #EB91E7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EB91E7; -webkit-box-shadow:4px 4px  
4px 4px #EB91E7; box-shadow:4px 4px 4px  
4px #EB91E7 }
```

# Background

The CSS property to change the background color of an element to Hex EB91E7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EB91E7 }
```

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

```
.background{ background-color:#EB91E7 }
```

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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