

# Converting Colors

Hex(EB7AFD)

Have a look what the booklet for  
Hex(EB7AFD) contains.

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# Color

Hex(EB7AFD)

# Conversions

## Conversions Part 1

Format	Color
Hex	EB7AFD
RGB	235, 122, 253
RGB Percent	92%, 48%, 99%
CMY	0.0784, 0.5216, 0.0078
CMYK	0.07, 0.52, 0.00, 0.01
HSL	292°, 97%, 74%
HSV	292°, 52%, 99%
XYZ	58.9501, 38.6731, 97.2861
YIQ	170.7210, 25.2970, 64.6970

# Conversions

## Conversions Part 2

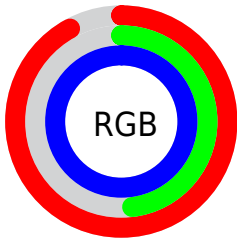
Format	Color
R <sub>Y</sub> B	235, 122, 253
Decimal	15432445
CIE Lab	68.51, 62.12, -46.92
CIE LCh	69, 77.846, 322.936
Yxy	38.6731, 0.3024, 0.1984
Android (android.graphics.Color)	4293622525 (0xFFEB7AFD)
YUV	170.7210, 40.5635, 56.3727
Hunter-Lab	62.1877, 60.3786, -49.2216

# Details

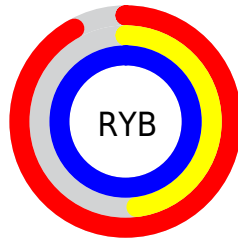
The Hex color **EB7AFD** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **8CFD7A**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **FFB2FF**, and **B142C4** is the 20% darker color. If you saturate the color by 10%, you get **E861FD**, and if you desaturate by 10%, it is **EE93FD**.

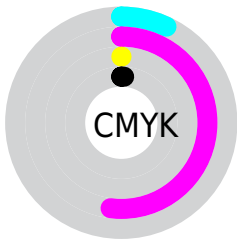
# Distribution



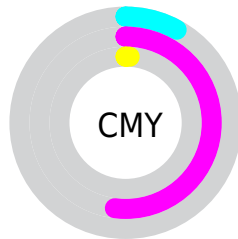
- Red (92%)
- Green (48%)
- Blue (99%)



- Red (92%)
- Yellow (48%)
- Blue (99%)



- Cyan (7%)
- Magenta (52%)
- Yellow (0%)
- Black (1%)



- Cyan (8%)
- Magenta (52%)
- Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EB7AFD 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 EB7AFD by changing the saturation by 10% instead.



 EB7AFD

FFFFFF

 FFB2FF

 FFCFFF

 FFECFF

 EB7AFD

 CE5EE0

 B142C4

 9424A8

 78008D

 5D0073

 42005A

 290042

 00002B

 000115

 EB7AFD

 EB7AFD

 E861FD

 EE93FD

 E447FD

 F2ADFD

 E12EFD

 F5C6FD

 DD15FD

 F9DFFD

 DA00FD

 FCF9FD

 FFFFFD

# Harmonies

## Analogous

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



829CFF



EB7AFD



FF5EBB

# Triad

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



EB7AFD



D69E00



00C7DC

# Complementary

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



EB7AFD



8CFD7A

# 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.



00C694



EB7AFD



94B300

# Square

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



EB7AFD



FF8034



27C04C



00C2FF

# Rectangle

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



EB7AFD



FF5D8C



27C04C



00C7C5



# Sweetspot

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



EB7AFD



F9D6FF



7A8EFD



7C6780



000000



808080



# Same Dimension

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



EB7AFD



E961FF



FD7ACF



7E7380



A500BF



370040



# Inverse Universe

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



FD7A8C



FF6177



7AFDA8



807375



BF001A



400009



# Previews

## White Background



This preview shows how the Hex color EB7AFD looks on a white background.

## Color Contrast Check

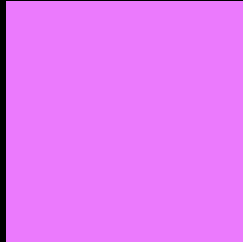
Large Text (above 18pt) WCAG AA × Fail

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 EB7AFD looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

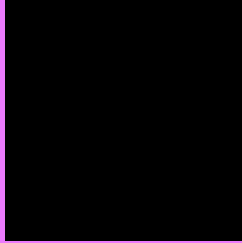
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex EB7AFD Background



This preview shows how black text looks on a background with the Hex color EB7AFD.

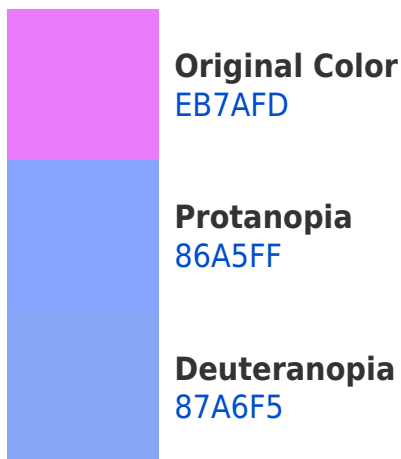



This preview shows how white text looks on a background with the Hex color EB7AFD.

# 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**  
DE929D

# Trichromacy



**Original Color**  
EB7AFD



**Protanomaly**  
AB95FE



**Deuteranomaly**  
AB96F8



**Tritanomaly**  
E389C0

# Monochromacy



**Original Color**  
EB7AFD



**Achromatopsia**  
ABABAB



**Achromatomaly**  
C299C9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EB7AFD 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 #EB7AFD looks like.

```
.text, #text, p{  
    color:#EB7AFD  
}
```

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 #EB7AFD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EB7AFD
}
```

## Border

The CSS property to change the border of an element to Hex EB7AFD 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
#EB7AFD }
```

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

```
.border{ border-color:#EB7AFD }
```

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

Here you see how a box with a 4 pixel #EB7AFD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EB7AFD; -webkit-box-shadow:4px 4px  
4px 4px #EB7AFD; box-shadow:4px 4px 4px  
4px #EB7AFD }
```

# Background

The CSS property to change the background color of an element to Hex EB7AFD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EB7AFD }
```

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

```
.background{ background-color:#EB7AFD }
```

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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