

# Converting Colors

Hex(EB3FE1)

Have a look what the booklet for  
Hex(EB3FE1) contains.

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# Color

**Hex(EB3FE1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EB3FE1
RGB	235, 63, 225
RGB Percent	92%, 25%, 88%
CMY	0.0784, 0.7529, 0.1176
CMYK	0.00, 0.73, 0.04, 0.08
HSL	303°, 81%, 58%
HSV	303°, 73%, 92%
XYZ	49.6291, 26.6534, 73.7630
YIQ	132.8960, 50.5100, 86.8460

# Conversions

## Conversions Part 2

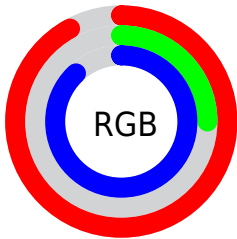
Format	Color
R <sub>Y</sub> B	235, 63, 225
Decimal	15417313
CIE Lab	58.65, 80.85, -46.94
CIE LCh	59, 93.490, 329.860
Yxy	26.6534, 0.3308, 0.1776
Android (android.graphics.Color)	4293607393 (0xFFEB3FE1)
YUV	132.8960, 45.4073, 89.5452
Hunter-Lab	51.6270, 81.2451, -48.5729

# Details

The Hex color **EB3FE1** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light washed magenta. A complement of this color would be **3FEB49**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **FF7FFF**, and **AF00A9** is the 20% darker color. If you saturate the color by 10%, you get **EB28E0**, and if you desaturate by 10%, it is **EB57E2**.

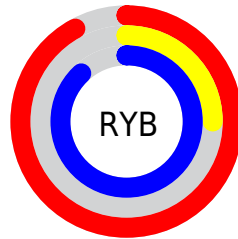
# Distribution



Red (92%)

Green (25%)

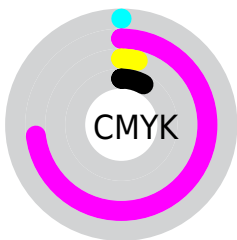
Blue (88%)



Red (92%)

Yellow (25%)

Blue (88%)

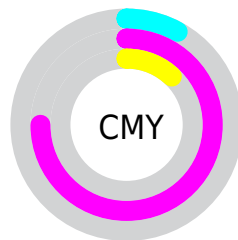


Cyan (0%)

Magenta (73%)

Yellow (4%)

Black (8%)



Cyan (8%)

Magenta (75%)

Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EB3FE1 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 EB3FE1 by changing the saturation by 10% instead.



 EB3FE1

 EB3FE1

FFFFFF

 CD0FC5

 FF7FFF

 AF00A9

 FF9DFF

 92008E

 FFBAFF

 750074

 FFD8FF


 58005B

 FFF7FF

 3E0043

 1F002B

 000115

 000000

 EB3FE1

 EB3FE1

 EB28E0

 EB57E2

 EB10DE

 EB6EE4

 EB00DD

 EB86E5

 EB9DE6

 EBB5E8

 EBCCE9

 EBE3EB

 EBFBEC

 EBFFED

# Harmonies

## Analogous

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



7A77FF



EB3FE1



FF0091

# Triad

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



EB3FE1



AC8A00



00AFDD

# Complementary

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



EB3FE1



3FEB49

# 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.



00AE8A



EB3FE1



589F00

# Square

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



EB3FE1



E96500



00AA31



00A9FF

# Rectangle

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



EB3FE1



FF005C



00AA31



00AFC3



# Sweetspot

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



EB3FE1



FFC7FC



483FEB



805E7E



000000



808080



# Same Dimension

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



EB3FE1



FF1FF2



EB3F8C



756A75



B500AB



360032



# Inverse Universe

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



EB3FE1



FF1FF2



3FEB9E



756A75



B500AB



360032



# Previews

## White Background



This preview shows how the Hex color EB3FE1 looks on a white background.

## Color Contrast Check

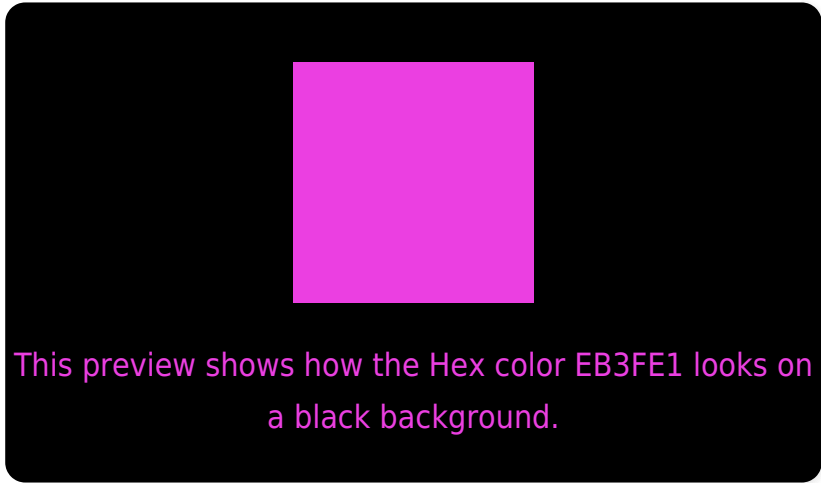
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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



## Hex EB3FE1 Background



This preview shows how black text looks on a background with the Hex color EB3FE1.

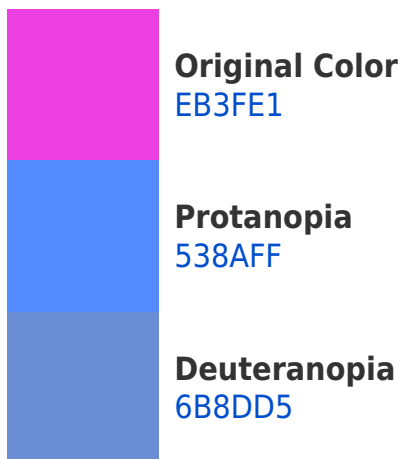


This preview shows how white text looks on a background with the Hex color EB3FE1.

# 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**  
DF676E

# Trichromacy



**Original Color**  
EB3FE1



**Protanomaly**  
8A6FF4



**Deuteranomaly**  
9A71D9



**Tritanomaly**  
E35898

# Monochromacy



**Original Color**  
EB3FE1



**Achromatopsia**  
858585



**Achromatomaly**  
AA6CA6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EB3FE1 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 #EB3FE1 looks like.

```
.text, #text, p{  
    color:#EB3FE1  
}
```

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 #EB3FE1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EB3FE1
}
```

## Border

The CSS property to change the border of an element to Hex EB3FE1 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
#EB3FE1 }
```

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

```
.border{ border-color:#EB3FE1 }
```

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

Here you see how a box with a 4 pixel #EB3FE1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EB3FE1; -webkit-box-shadow:4px 4px  
4px 4px #EB3FE1; box-shadow:4px 4px 4px  
4px #EB3FE1 }
```

# Background

The CSS property to change the background color of an element to Hex EB3FE1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EB3FE1 }
```

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

```
.background{ background-color:#EB3FE1 }
```

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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