

Converting Colors

Hex(EB41F3)

Have a look what the booklet for
Hex(EB41F3) contains.

Hex(EB41F3)	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(EB41F3)

Conversions

Conversions Part 1

Format	Color
Hex	EB41F3
RGB	235, 65, 243
RGB Percent	92%, 25%, 95%
CMY	0.0784, 0.7451, 0.0471
CMYK	0.03, 0.73, 0.00, 0.05
HSL	297°, 88%, 60%
HSV	297°, 73%, 95%
XYZ	52.3289, 27.9138, 87.4239
YIQ	136.1220, 44.1820, 91.3980

Conversions

Conversions Part 2

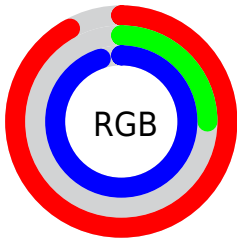
Format	Color
R _{YB}	235, 65, 243
Decimal	15417843
CIE _{Lab}	59.81, 83.03, -55.18
CIE _{LCh}	60, 99.693, 326.392
Y _{xy}	27.9138, 0.3121, 0.1665
Android (android.graphics.Color)	4293607923 (0xFFEB41F3)
YUV	136.1220, 52.6909, 86.7160
Hunter-Lab	52.8335, 84.3364, -61.1240

Details

The Hex color **EB41F3** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **49F341**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **FF81FF**, and **AF00BA** is the 20% darker color. If you saturate the color by 10%, you get **EA29F3**, and if you desaturate by 10%, it is **EC59F3**.

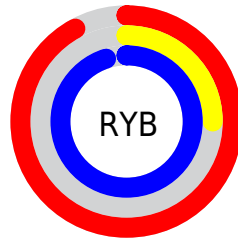
Distribution



Red (92%)

Green (25%)

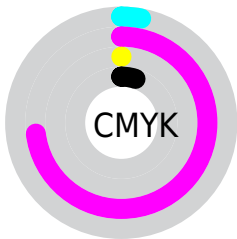
Blue (95%)



Red (92%)

Yellow (25%)

Blue (95%)

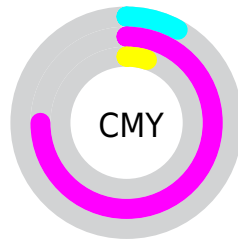


Cyan (3%)

Magenta (73%)

Yellow (0%)

Black (5%)



Cyan (8%)

Magenta (75%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color EB41F3 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 EB41F3 by changing the saturation by 10% instead.

 EB41F3

 EB41F3

FFFFFF

 CD13D6

 FF81FF

 AF00BA

 FF9FFF

 91009E

 FFBDFE

 740084

 FFDBFF

 58006A

 FFF9FF

 3D0051

 1D0039

 000222

 000008

 EB41F3

 EB41F3

 EA29F3

 EC59F3

 E910F3

 ED72F3

 E800F3

 EE8AF3

 EFA2F3

 F0BAF3

 F2D3F3

 F3EBF3

 F4FFF3

 F5FFF3

Harmonies

Analogous

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



5C7EFF



EB41F3



FF009F

Triad

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



EB41F3



B88900



00B4DD

Complementary

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



EB41F3



49F341

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.



00B383



EB41F3



62A100

Square

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



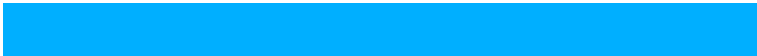
EB41F3



F85F00



00AD1B



00AFFF

Rectangle

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



EB41F3



FF0065



00AD1B



00B4C0

Sweetspot

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



EB41F3



FCC7FF



414AF3



7E5E80



000000



808080

Same Dimension

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



EB41F3



F51FFF



F341A3



7A6E7A



B200BA



38003B

Inverse Universe

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



F34149



FF1F29



41F391



7A6E6F



BA0008



3B0003

Previews

White Background



This preview shows how the Hex color EB41F3 looks on a white background.

Color Contrast Check

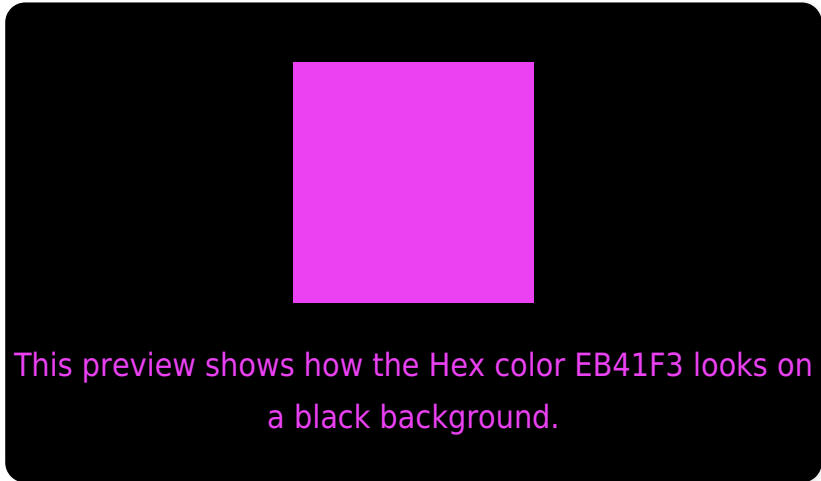
Large Text (above 18pt) WCAG AA ✓ Pass

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

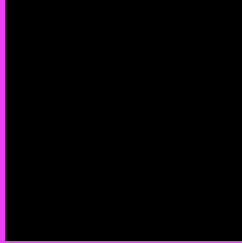
Any Text WCAG AA ✓ Pass

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 EB41F3 Background



This preview shows how black text looks on a background with the Hex color EB41F3.

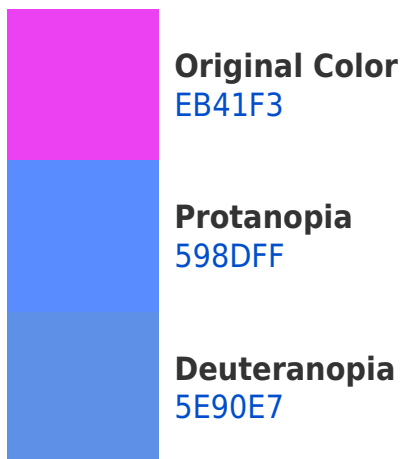


This preview shows how white text looks on a background with the Hex color EB41F3.

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
DC6E76

Trichromacy



Original Color
EB41F3



Protanomaly
8E71FB



Deuteranomaly
9173EB



Tritanomaly
E15EA3

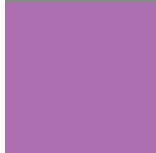
Monochromacy



Original Color
EB41F3



Achromatopsia
888888



Achromatomaly
AC6EAF

CSS Examples

Text

The CSS property to change the color of the text to Hex EB41F3 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 #EB41F3 looks like.

```
.text, #text, p{  
    color:#EB41F3  
}
```

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 #EB41F3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EB41F3
}
```

Border

The CSS property to change the border of an element to Hex EB41F3 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
#EB41F3 }
```

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

```
.border{ border-color:#EB41F3 }
```

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

Here you see how a box with a 4 pixel #EB41F3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EB41F3; -webkit-box-shadow:4px 4px  
4px 4px #EB41F3; box-shadow:4px 4px 4px  
4px #EB41F3 }
```

Background

The CSS property to change the background color of an element to Hex EB41F3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EB41F3 }
```

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

```
.background{ background-color:#EB41F3 }
```

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