

Converting Colors

Hex(EB4EF6)

Have a look what the booklet for
Hex(EB4EF6) contains.

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Color

Hex(EB4EF6)

Conversions

Conversions Part 1

Format	Color
Hex	EB4EF6
RGB	235, 78, 246
RGB Percent	92%, 31%, 96%
CMY	0.0784, 0.6941, 0.0353
CMYK	0.04, 0.68, 0.00, 0.04
HSL	296°, 90%, 64%
HSV	296°, 68%, 96%
XYZ	53.6199, 29.7648, 90.1079
YIQ	144.0950, 39.6440, 85.5320

Conversions

Conversions Part 2

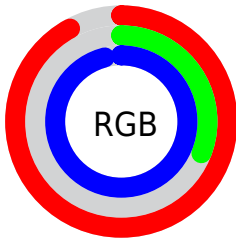
Format	Color
R _Y B	235, 78, 246
Decimal	15421174
CIE Lab	61.45, 79.30, -54.24
CIE LCh	61, 96.075, 325.631
Yxy	29.7648, 0.3091, 0.1716
Android (android.graphics.Color)	4293611254 (0xFFEB4EF6)
YUV	144.0950, 50.2392, 79.7237
Hunter-Lab	54.5571, 79.9587, -59.7349

Details

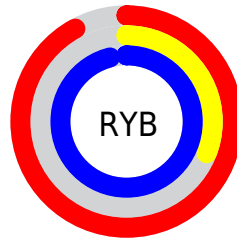
The Hex color **EB4EF6** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light washed magenta. A complement of this color would be **59F64E**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **FF8BFF**, and **AF00BD** is the 20% darker color. If you saturate the color by 10%, you get **E935F6**, and if you desaturate by 10%, it is **ED67F6**.

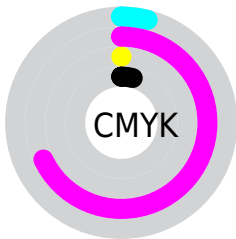
Distribution



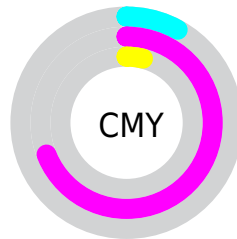
- Red (92%)
- Green (31%)
- Blue (96%)



- Red (92%)
- Yellow (31%)
- Blue (96%)



- Cyan (4%)
- Magenta (68%)
- Yellow (0%)
- Black (4%)



- Cyan (8%)
- Magenta (69%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color EB4EF6 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 EB4EF6 by changing the saturation by 10% instead.

 EB4EF6

 EB4EF6

FFFFFF

 CD2AD9

 FF8BFF

 AF00BD

 FFA8FF

 9200A1

 FFC6FF

 750086

 FFE4FF

 58006C

 3E0053

 1F003B

 000224

 00000C

 EB4EF6

 EB4EF6

 E935F6

 ED67F6

 E81DF6

 EE7FF6

 E604F6

 F098F6

 E600F6

 F1B0F6

 F3C9F6

 F5E2F6

 F6FAF6

 F8FFF6

 F9FFF6

Harmonies

Analogous

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



6284FF



EB4EF6



FF00A5

Triad

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



EB4EF6



BE8D00



00B8DC

Complementary

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



EB4EF6



59F64E

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.



00B685



EB4EF6



6CA500

Square

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



EB4EF6



FC6400



00B124



00B3FF

Rectangle

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



EB4EF6



FF006D



00B124



00B8C0

Sweetspot

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



EB4EF6



FCCCF6



4E59F6



7D6180



000000



808080

Same Dimension

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



EB4EF6



F12EFF



F64EAD



7A6E7A



AE00BA



37003B

Inverse Universe

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



F64E59



FF2E3C



4EF697



7A6E6F



BA000C



3B0004

Previews

White Background



This preview shows how the Hex color EB4EF6 looks on a white background.

Color Contrast Check

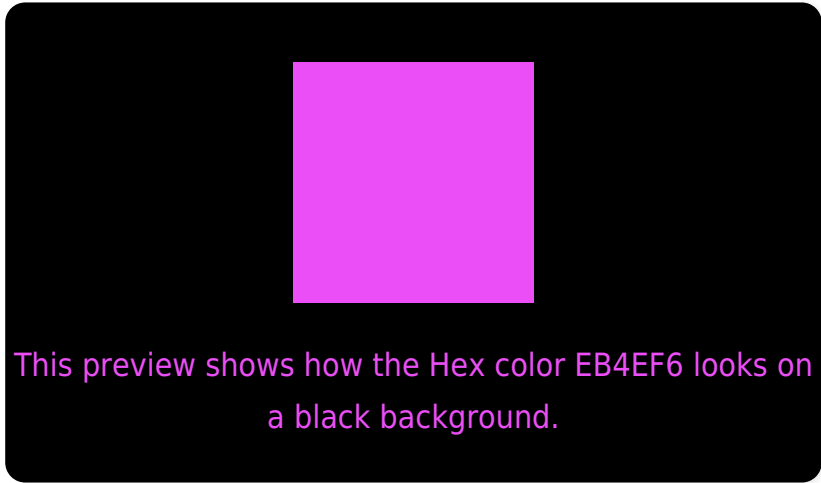
Large Text (above 18pt) WCAG AA ✓ Pass

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

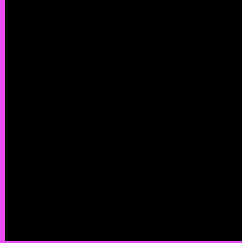
Any Text WCAG AA ✓ Pass

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 EB4EF6 Background



This preview shows how black text looks on a background with the Hex color EB4EF6.

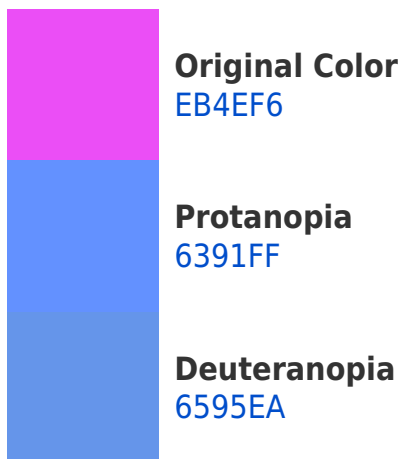


This preview shows how white text looks on a background with the Hex color EB4EF6.

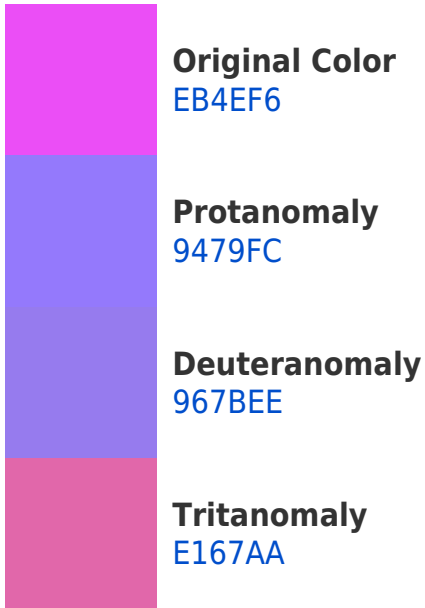
Color Blindness Simulation

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](#).

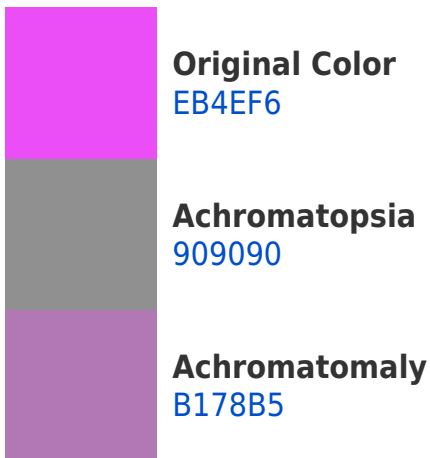
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex EB4EF6 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 #EB4EF6 looks like.

```
.text, #text, p{  
    color:#EB4EF6  
}
```

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 #EB4EF6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EB4EF6
}
```

Border

The CSS property to change the border of an element to Hex EB4EF6 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
#EB4EF6 }
```

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

```
.border{ border-color:#EB4EF6 }
```

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

Here you see how a box with a 4 pixel #EB4EF6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EB4EF6; -webkit-box-shadow:4px 4px  
4px 4px #EB4EF6; box-shadow:4px 4px 4px  
4px #EB4EF6 }
```

Background

The CSS property to change the background color of an element to Hex EB4EF6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EB4EF6 }
```

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

```
.background{ background-color:#EB4EF6 }
```

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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