

Converting Colors

Hex(EB4AF2)

Have a look what the booklet for
Hex(EB4AF2) contains.

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Color

Hex(EB4AF2)

Conversions

Conversions Part 1

Format	Color
Hex	EB4AF2
RGB	235, 74, 242
RGB Percent	92%, 29%, 95%
CMY	0.0784, 0.7098, 0.0510
CMYK	0.03, 0.69, 0.00, 0.05
HSL	298°, 87%, 62%
HSV	298°, 69%, 95%
XYZ	52.7367, 28.9705, 86.8167
YIQ	141.2910, 42.0280, 86.3800

Conversions

Conversions Part 2

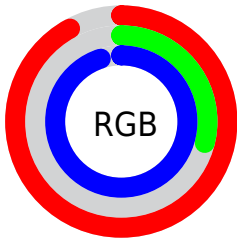
Format	Color
R _Y B	235, 74, 242
Decimal	15420146
CIE Lab	60.76, 80.02, -53.12
CIE LCh	61, 96.045, 326.422
Yxy	28.9705, 0.3129, 0.1719
Android (android.graphics.Color)	4293610226 (0xFFEB4AF2)
YUV	141.2910, 49.6495, 82.1828
Hunter-Lab	53.8243, 80.7009, -57.9558

Details

The Hex color **EB4AF2** 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 **51F24A**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **FF87FF**, and **AF00B9** is the 20% darker color. If you saturate the color by 10%, you get **EA32F2**, and if you desaturate by 10%, it is **EC62F2**.

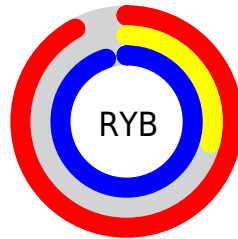
Distribution



Red (92%)

Green (29%)

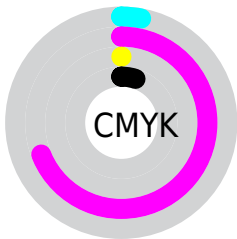
Blue (95%)



Red (92%)

Yellow (29%)

Blue (95%)

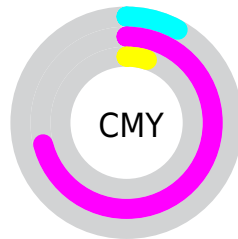


Cyan (3%)

Magenta (69%)

Yellow (0%)

Black (5%)



Cyan (8%)

Magenta (71%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color EB4AF2 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 EB4AF2 by changing the saturation by 10% instead.

 EB4AF2

 EB4AF2

FFFFFF

 CD24D5

 FF87FF

 AF00B9

 FFA5FF

 92009E

 FFC3FF

 750083

 FFE1FF

 580069

 3E0050

 1F0038

 000221

 000007

 EB4AF2

 EB4AF2

 EA32F2

 EC62F2

 E91AF2

 ED7AF2

 E801F2

 EE93F2

 E800F2

 EFABF2

 F0C3F2

 F1DBF2

 F2F3F2

 F3FFF2

 F4FFF2

Harmonies

Analogous

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



6681FF



EB4AF2



FF00A1

Triad

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



EB4AF2



BA8C00



00B6DC

Complementary

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



EB4AF2



51F24A

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.



00B486



EB4AF2



68A300

Square

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



EB4AF2



F86400



00AF26



00B1FF

Rectangle

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



EB4AF2



FF0069



00AF26



00B6C1

Sweetspot

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



EB4AF2



FDC9FF



4A52F2



7E6080



000000



808080

Same Dimension

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



EB4AF2



F62BFF



F24AA6



776C78



B000B8



360038

Inverse Universe

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



F24A51



FF2B34



4AF296



786C6C



B80008



380002

Previews

White Background



This preview shows how the Hex color EB4AF2 looks on a white background.

Color Contrast Check

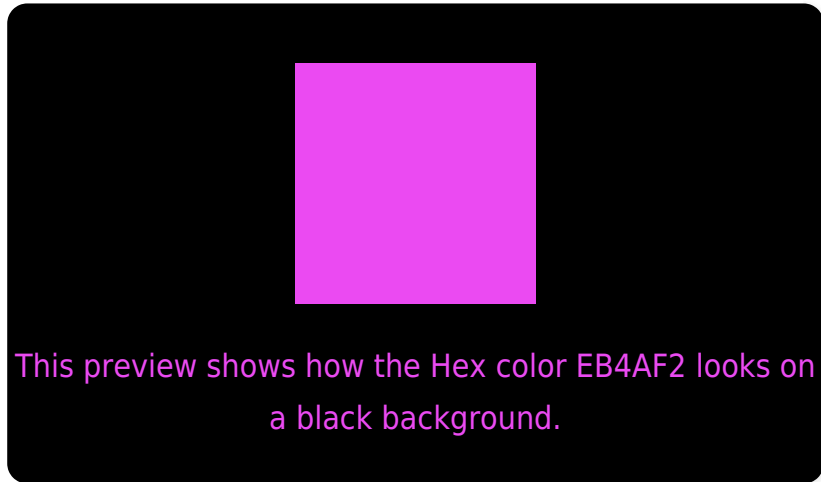
Large Text (above 18pt) WCAG AA ✓ Pass

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

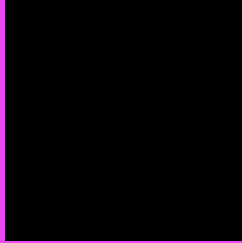
Any Text WCAG AA ✓ Pass

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 EB4AF2 Background



This preview shows how black text looks on a background with the Hex color EB4AF2.



This preview shows how white text looks on a background with the Hex color EB4AF2.

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



Original Color
EB4AF2



Protanomaly
9276FA



Deuteranomaly
9678EA

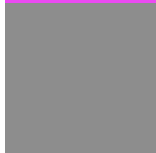


Tritanomaly
E263A6

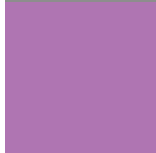
Monochromacy



Original Color
EB4AF2



Achromatopsia
8D8D8D



Achromatomaly
AF75B2

CSS Examples

Text

The CSS property to change the color of the text to Hex EB4AF2 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 #EB4AF2 looks like.

```
.text, #text, p{  
    color:#EB4AF2  
}
```

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 #EB4AF2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EB4AF2
}
```

Border

The CSS property to change the border of an element to Hex EB4AF2 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
#EB4AF2 }
```

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

```
.border{ border-color:#EB4AF2 }
```

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

Here you see how a box with a 4 pixel #EB4AF2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EB4AF2; -webkit-box-shadow:4px 4px  
4px 4px #EB4AF2; box-shadow:4px 4px 4px  
4px #EB4AF2 }
```

Background

The CSS property to change the background color of an element to Hex EB4AF2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EB4AF2 }
```

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

```
.background{ background-color:#EB4AF2 }
```

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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