

# Converting Colors

Hex(EB46CF)

Have a look what the booklet for  
Hex(EB46CF) contains.

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# Color

Hex(EB46CF)

# Conversions

## Conversions Part 1

Format	Color
Hex	EB46CF
RGB	235, 70, 207
RGB Percent	92%, 27%, 81%
CMY	0.0784, 0.7255, 0.1882
CMYK	0.00, 0.70, 0.12, 0.08
HSL	310°, 80%, 60%
HSV	310°, 70%, 92%
XYZ	47.7136, 26.5475, 61.6409
YIQ	134.9530, 54.3630, 77.5870

# Conversions

## Conversions Part 2

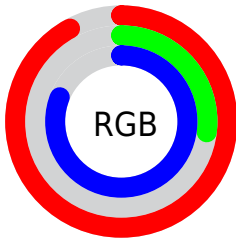
Format	Color
<a href="#">RYB</a>	<a href="#">235, 70, 207</a>
Decimal	<a href="#">15419087</a>
CIELab	<a href="#">58.55, 76.03, -36.91</a>
CIELCh	<a href="#">59, 84.515, 334.105</a>
Yxy	<a href="#">26.5475, 0.3511, 0.1953</a>
Android (android.graphics.Color)	<a href="#">4293609167 (0xFFEB46CF)</a>
YUV	<a href="#">134.9530, 35.5192, 87.7412</a>
Hunter-Lab	<a href="#">51.5242, 75.1310, -34.8644</a>

# Details

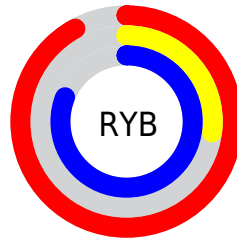
The Hex color **EB46CF** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light muted magenta. A complement of this color would be **46EB62**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **FF83FF**, and **AF0098** is the 20% darker color. If you saturate the color by 10%, you get **EB2FCB**, and if you desaturate by 10%, it is **EB5ED3**.

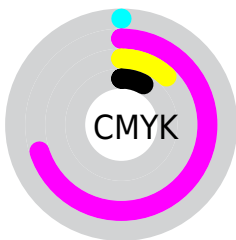
# Distribution



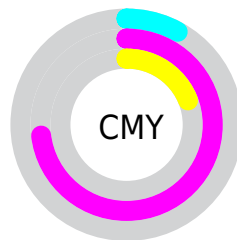
- Red (92%)
- Green (27%)
- Blue (81%)



- Red (92%)
- Yellow (27%)
- Blue (81%)



- Cyan (0%)
- Magenta (70%)
- Yellow (12%)
- Black (8%)



- Cyan (8%)
- Magenta (73%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EB46CF 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 EB46CF by changing the saturation by 10% instead.



 EB46CF

 EB46CF

FFFFFF

 CD1FB3

 FF83FF

 AF0098

 FFA1FF

 92007E

 FFBEFF

 750064

 FFDCCF

 59004C

 FFFAFF

 3F0035

 21001E

 000000

 EB46CF

 EB46CF

 EB2FCB

 EB5ED3

 EB17C7

 EB75D7

 EB00C3

 EB8DDB

 EBA4DF

 EBBBE3

 EBD3E7

 EBEBEB

 EBFFEF

 EBFFF3

# Harmonies

## Analogous

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



9473FF



EB46CF



FF2386

# Triad

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



EB46CF



A18D00



00ACDF

# Complementary

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



EB46CF



46EB62

# 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.



00AC95



EB46CF



529F00

# Square

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



EB46CF



DC6F00



00A847



00A5FF

# Rectangle

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



EB46CF



FF3656



00A847



00ACC8



# Sweetspot

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



EB46CF



FFC9F6



6146EB



80607A



000000



808080



# Same Dimension

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



EB46CF



FF29DB



EB467D



756A73



B50096



36002C



# Inverse Universe

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



EB46CF



FF29DB



46EBB4



756A73



B50096



36002C



# Previews

## White Background



This preview shows how the Hex color EB46CF 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 EB46CF Background



This preview shows how black text looks on a background with the Hex color EB46CF.

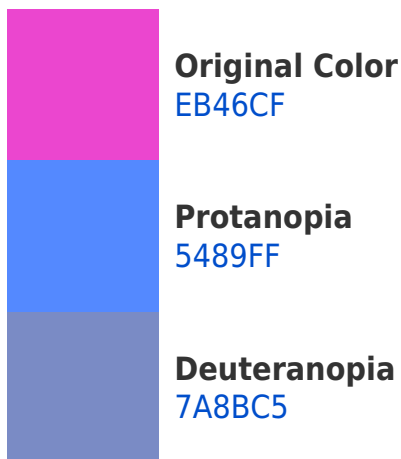



This preview shows how white text looks on a background with the Hex color EB46CF.

# 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**  
E1656C

# Trichromacy



**Original Color**  
EB46CF



**Protanomaly**  
8B71EE



**Deuteranomaly**  
A372C9



**Tritanomaly**  
E55A90

# Monochromacy



**Original Color**  
EB46CF



**Achromatopsia**  
878787



**Achromatomaly**  
AB6FA1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EB46CF 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 #EB46CF looks like.

```
.text, #text, p{  
    color:#EB46CF  
}
```

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 #EB46CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EB46CF
}
```

## Border

The CSS property to change the border of an element to Hex EB46CF 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
#EB46CF }
```

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

```
.border{ border-color:#EB46CF }
```

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

Here you see how a box with a 4 pixel #EB46CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EB46CF; -webkit-box-shadow:4px 4px  
4px 4px #EB46CF; box-shadow:4px 4px 4px  
4px #EB46CF }
```

# Background

The CSS property to change the background color of an element to Hex EB46CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EB46CF }
```

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

```
.background{ background-color:#EB46CF }
```

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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