

# Converting Colors

Hex(EF44C0)

Have a look what the booklet for  
Hex(EF44C0) contains.

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# Color

**Hex(EF44C0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EF44C0
RGB	239, 68, 192
RGB Percent	94%, 27%, 75%
CMY	0.0627, 0.7333, 0.2471
CMYK	0.00, 0.72, 0.20, 0.06
HSL	316°, 84%, 60%
HSV	316°, 72%, 94%
XYZ	47.1782, 26.2907, 52.4572
YIQ	133.2650, 62.1120, 74.8160

# Conversions

## Conversions Part 2

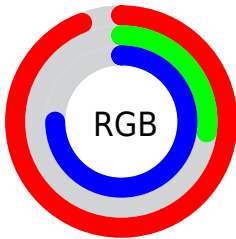
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	239, 68, 192
Decimal	15680704
CIE Lab	58.31, 75.58, -28.66
CIE LCh	58, 80.829, 339.230
Yxy	26.2907, 0.3746, 0.2088
Android (android.graphics.Color)	4293870784 (0xFFEF44C0)
YUV	133.2650, 28.9564, 92.7296
Hunter-Lab	51.2745, 74.5092, -24.7655

# Details

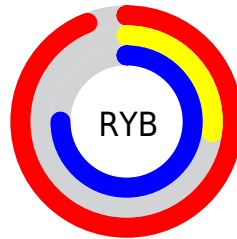
The Hex color **EF44C0** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light muted magenta. A complement of this color would be **44EF73**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **FF82F9**, and **B3008A** is the 20% darker color. If you saturate the color by 10%, you get **EF2CB9**, and if you desaturate by 10%, it is **EF5CC7**.

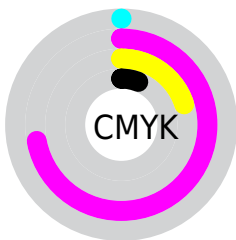
# Distribution



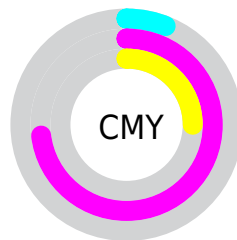
- Red (94%)
- Green (27%)
- Blue (75%)



- Red (94%)
- Yellow (27%)
- Blue (75%)



- Cyan (0%)
- Magenta (72%)
- Yellow (20%)
- Black (6%)



- Cyan (6%)
- Magenta (73%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EF44C0 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 EF44C0 by changing the saturation by 10% instead.



 EF44C0

 EF44C0

FFFFFF

 D11CA5

 FF82F9

 B3008A

 FF9FFF

 950070

 FFBDFE

 780058

 FFDBFF

 5C0040

 FFF9FF

 41002A

 230013

 000000

 EF44C0

 EF44C0

 EF2CB9

 EF5CC7

 EF14B3

 EF74CD

 EF00AD

 EF8CD4

 EFA4DA

 EFBBE1

 EFD3E7

 EFEBEE

 EFFFF5

 EFFFFB

# Harmonies

## Analogous

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



A76EFB



EF44C0



FF307A

# Triad

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



EF44C0



969000



00AAE5

# Complementary

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



EF44C0



44EF73

# 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.



00ABA1



EF44C0



44A000

# Square

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



EF44C0



D07600



00A856



00A1FF

# Rectangle

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



EF44C0



FF444C



00A856



00ABD0



# Sweetspot

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



EF44C0



FFC9F0



7244EF



806077



000000



808080



# Same Dimension

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



EF44C0



FF24C3



EF446C



786C75



B80085



380029



# Inverse Universe

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



EF44C0



FF24C3



44EFC7



786C75



B80085



380029



# Previews

## White Background



This preview shows how the Hex color EF44C0 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 EF44C0 Background



This preview shows how black text looks on a background with the Hex color EF44C0.



This preview shows how white text looks on a background with the Hex color EF44C0.

# 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](#).

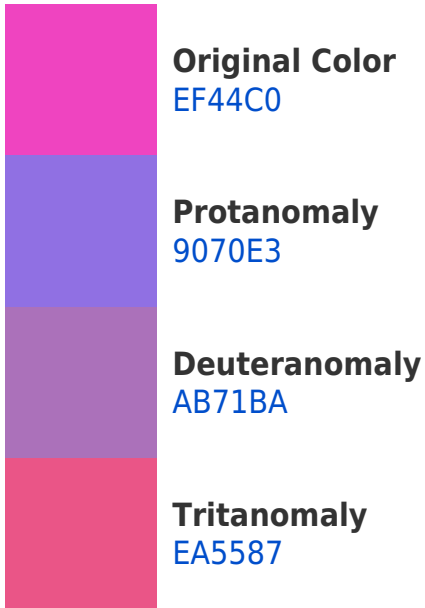
## Dichromacy





**Tritanopia**  
E75F66

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex EF44C0 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 #EF44C0 looks like.

```
.text, #text, p{  
    color:#EF44C0  
}
```

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 #EF44C0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EF44C0
}
```

## Border

The CSS property to change the border of an element to Hex EF44C0 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
#EF44C0 }
```

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

```
.border{ border-color:#EF44C0 }
```

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

Here you see how a box with a 4 pixel #EF44C0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EF44C0; -webkit-box-shadow:4px 4px  
4px 4px #EF44C0; box-shadow:4px 4px 4px  
4px #EF44C0 }
```

# Background

The CSS property to change the background color of an element to Hex EF44C0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EF44C0 }
```

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

```
.background{ background-color:#EF44C0 }
```

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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