

# Converting Colors

Hex(EF50B2)

Have a look what the booklet for  
Hex(EF50B2) contains.

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# Color

**Hex(EF50B2)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	EF50B2
RGB	239, 80, 178
RGB Percent	94%, 31%, 70%
CMY	0.0627, 0.6863, 0.3020
CMYK	0.00, 0.67, 0.26, 0.06
HSL	323°, 83%, 63%
HSV	323°, 67%, 94%
XYZ	46.5011, 27.3024, 44.9385
YIQ	138.7130, 63.3060, 64.1860

# Conversions

## Conversions Part 2

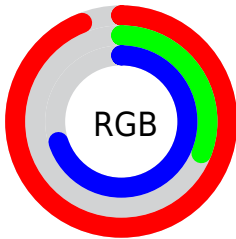
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	239, 80, 178
Decimal	15683762
CIE <sub>Lab</sub>	59.25, 69.62, -19.16
CIE <sub>LCh</sub>	59, 72.205, 344.612
Y <sub>xy</sub>	27.3024, 0.3916, 0.2299
Android (android.graphics.Color)	4293873842 (0xFFEF50B2)
YUV	138.7130, 19.3685, 87.9517
Hunter-Lab	52.2517, 67.4148, -14.4155

# Details

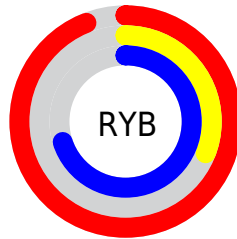
The Hex color **EF50B2** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted rose. A complement of this color would be **50EF8D**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **FF8BEA**, and **B3007D** is the 20% darker color. If you saturate the color by 10%, you get **EF38A9**, and if you desaturate by 10%, it is **EF68BB**.

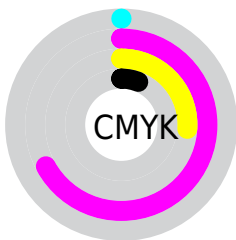
# Distribution



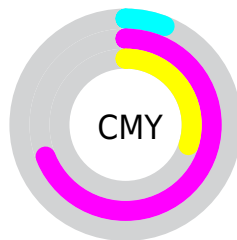
- Red (94%)
- Green (31%)
- Blue (70%)



- Red (94%)
- Yellow (31%)
- Blue (70%)



- Cyan (0%)
- Magenta (67%)
- Yellow (26%)
- Black (6%)



- Cyan (6%)
- Magenta (69%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EF50B2 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 EF50B2 by changing the saturation by 10% instead.



 EF50B2

 EF50B2

FFFFFF

 D12F97

 FF8BEA

 B3007D

 FFA8FF

 960064

 FFC5FF

 79004C

 FFE3FF

 5C0035

 420020

 250003

 000000

 EF50B2

 EF50B2

 EF38A9

 EF68BB

 EF20A0

 EF80C4

 EF0896

 EF98CE

 EF0093

 EFB0D7

 EFC7E0

 EFD FE9

 EFF7F2

 EFFFFB

 EFFFFF

# Harmonies

## Analogous

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



B86EEA



EF50B2



FF4A72

# Triad

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



EF50B2



8F9500



00A9E7

# Complementary

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



EF50B2



50EF8D

# 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.



00ABAD



EF50B2



41A329

# Square

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



EF50B2



C68000



00A96B



009FFF

# Rectangle

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



EF50B2



F7594A



00A96B



00AAD5



# Sweetspot

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



EF50B2



FFCCEB



8D50EF



806174



000000



808080



# Same Dimension

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



EF50B2



FF33B1



EF5063



786C73



B80071



380023



# Inverse Universe

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



EF50B2



FF33B1



50EFDC



786C73



B80071



380023



# Previews

## White Background



This preview shows how the Hex color EF50B2 looks on a white background.

## Color Contrast Check

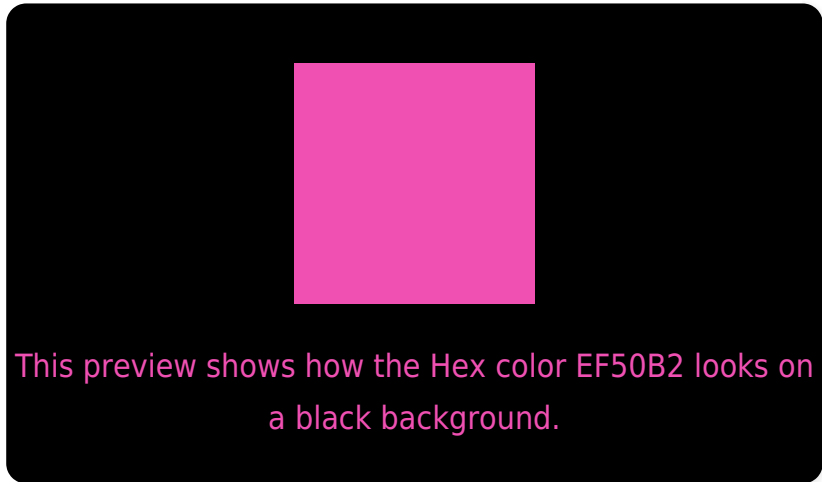
Large Text (above 18pt) WCAG AA ✓ Pass

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 EF50B2 Background



This preview shows how black text looks on a background with the Hex color EF50B2.



This preview shows how white text looks on a background with the Hex color EF50B2.

# 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**  
E96369

# Trichromacy



**Original Color**  
EF50B2



**Protanomaly**  
9F76CF



**Deuteranomaly**  
B376AC



**Tritanomaly**  
EB5C84

# Monochromacy



**Original Color**  
EF50B2



**Achromatopsia**  
8B8B8B



**Achromatomaly**  
AF7699

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EF50B2 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 #EF50B2 looks like.

```
.text, #text, p{  
    color:#EF50B2  
}
```

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 #EF50B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EF50B2
}
```

## Border

The CSS property to change the border of an element to Hex EF50B2 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
#EF50B2 }
```

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

```
.border{ border-color:#EF50B2 }
```

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

Here you see how a box with a 4 pixel #EF50B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EF50B2; -webkit-box-shadow:4px 4px  
4px 4px #EF50B2; box-shadow:4px 4px 4px  
4px #EF50B2 }
```

# Background

The CSS property to change the background color of an element to Hex EF50B2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EF50B2 }
```

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

```
.background{ background-color:#EF50B2 }
```

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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