

# Converting Colors

Hex(EF55C1)

Have a look what the booklet for  
Hex(EF55C1) contains.

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# Color

**Hex(EF55C1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EF55C1
RGB	239, 85, 193
RGB Percent	94%, 33%, 76%
CMY	0.0627, 0.6667, 0.2431
CMYK	0.00, 0.64, 0.19, 0.06
HSL	318°, 83%, 64%
HSV	318°, 64%, 94%
XYZ	48.4707, 28.6980, 53.4366
YIQ	143.3580, 57.1160, 66.2360

# Conversions

## Conversions Part 2

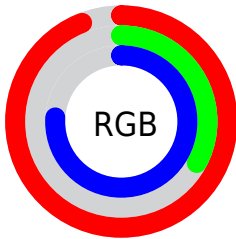
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	239, 85, 193
Decimal	15685057
CIE <sub>Lab</sub>	60.51, 69.67, -25.84
CIE <sub>LCh</sub>	61, 74.304, 339.652
Y <sub>xy</sub>	28.6980, 0.3711, 0.2197
Android (android.graphics.Color)	4293875137 (0xFFEF55C1)
YUV	143.3580, 24.4735, 83.8780
Hunter-Lab	53.5705, 67.7590, -21.6425

# Details

The Hex color **EF55C1** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted magenta. A complement of this color would be **55EF83**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **FF8FFA**, and **B3038B** is the 20% darker color. If you saturate the color by 10%, you get **EF3DBA**, and if you desaturate by 10%, it is **EF6DC8**.

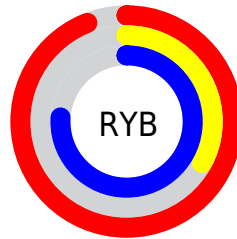
# Distribution



Red (94%)

Green (33%)

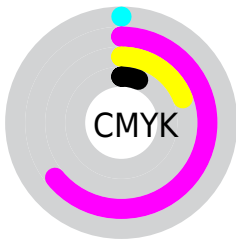
Blue (76%)



Red (94%)

Yellow (33%)

Blue (76%)

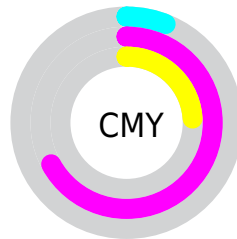


Cyan (0%)

Magenta (64%)

Yellow (19%)

Black (6%)



Cyan (6%)

Magenta (67%)

Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EF55C1 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 EF55C1 by changing the saturation by 10% instead.



 EF55C1

 EF55C1

FFFFFF

 D135A6

 FF8FFA

 B3038B

 FFACFF

 960072

 FFCAFF

 7A0059

 FFE7FF

 5D0041

 44002B

 260015

 000000

 EF55C1

 EF55C1

 EF3DBA

 EF6DC8

 EF25B3

 EF85CF

 EF0DAC

 EF9DD6

 EF00A8

 EFB5DE

 EFCCE5

 EFE4EC

 EFFCF3

 EFFFFA

 EFFFFFF

# Harmonies

## Analogous

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



AE76F8



EF55C1



FF4880

# Triad

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



EF55C1



9C9600



00AEE5

# Complementary

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



EF55C1



55EF83

# 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.



00AFA6



EF55C1



52A51B

# Square

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



EF55C1



D37E00



00AD61



00A5FF

# Rectangle

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



EF55C1



FF5555



00AD61



00AFD1



# Sweetspot

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



EF55C1



FFCFF1



8155EF



806277



000000



808080



# Same Dimension

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



EF55C1



FF3BC4



EF5576



786C74



B80081



380027



# Inverse Universe

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



EF55C1



FF3BC4



55EFCE



786C74



B80081



380027



# Previews

## White Background



This preview shows how the Hex color EF55C1 looks on a white background.

## Color Contrast Check

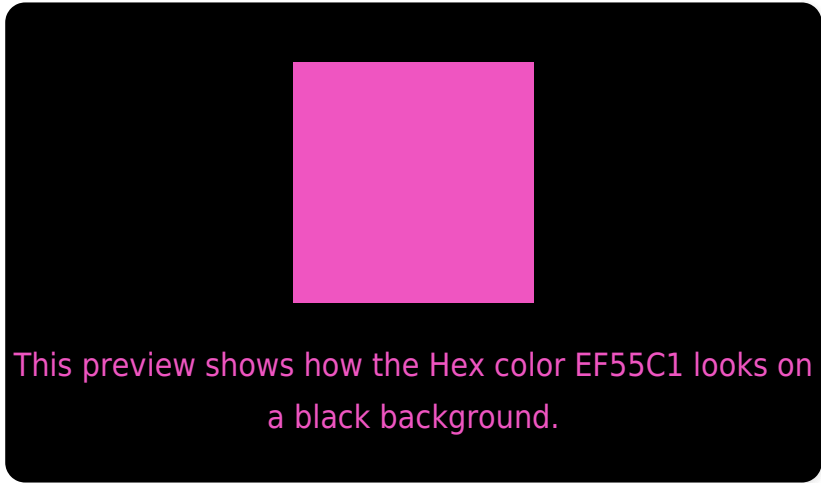
Large Text (above 18pt) WCAG AA ✓ Pass

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 EF55C1 Background



This preview shows how black text looks on a background with the Hex color EF55C1.




This preview shows how white text looks on a background with the Hex color EF55C1.

# 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**  
E86A71

# Trichromacy



**Original Color**  
EF55C1



**Protanomaly**  
9C7ADE



**Deuteranomaly**  
B17ABB

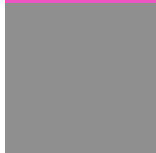


**Tritanomaly**  
EB628E

# Monochromacy



**Original Color**  
EF55C1



**Achromatopsia**  
8F8F8F



**Achromatomaly**  
B27AA1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EF55C1 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 #EF55C1 looks like.

```
.text, #text, p{  
    color:#EF55C1  
}
```

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 #EF55C1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EF55C1
}
```

## Border

The CSS property to change the border of an element to Hex EF55C1 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
#EF55C1 }
```

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

```
.border{ border-color:#EF55C1 }
```

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

Here you see how a box with a 4 pixel #EF55C1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EF55C1; -webkit-box-shadow:4px 4px  
4px 4px #EF55C1; box-shadow:4px 4px 4px  
4px #EF55C1 }
```

# Background

The CSS property to change the background color of an element to Hex EF55C1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EF55C1 }
```

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

```
.background{ background-color:#EF55C1 }
```

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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