

# Converting Colors

Hex(EF64CA)

Have a look what the booklet for  
Hex(EF64CA) contains.

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# Color

**Hex(EF64CA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EF64CA
RGB	239, 100, 202
RGB Percent	94%, 39%, 79%
CMY	0.0627, 0.6078, 0.2078
CMYK	0.00, 0.58, 0.15, 0.06
HSL	316°, 81%, 66%
HSV	316°, 58%, 94%
XYZ	50.8144, 31.7293, 59.3233
YIQ	153.1890, 50.1020, 61.1900

# Conversions

## Conversions Part 2

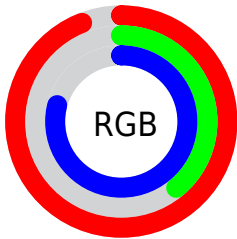
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	239, 100, 202
Decimal	15688906
CIE <sub>Lab</sub>	63.12, 64.78, -26.94
CIE <sub>LCh</sub>	63, 70.157, 337.420
Yxy	31.7293, 0.3582, 0.2237
Android (android.graphics.Color)	4293878986 (0xFFEF64CA)
YUV	153.1890, 24.0638, 75.2562
Hunter-Lab	56.3288, 62.4502, -23.0117

# Details

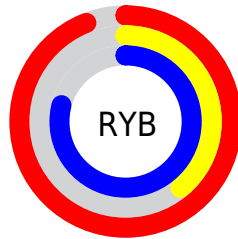
The Hex color **EF64CA** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **64EF89**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **FF9DFF**, and **B42794** is the 20% darker color. If you saturate the color by 10%, you get **EF4CC4**, and if you desaturate by 10%, it is **EF7CD0**.

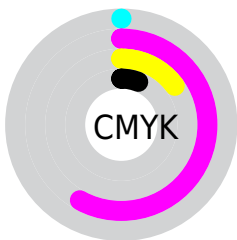
# Distribution



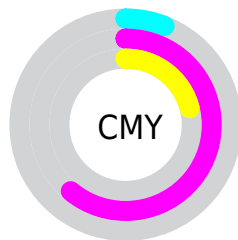
- Red (94%)
- Green (39%)
- Blue (79%)



- Red (94%)
- Yellow (39%)
- Blue (79%)



- Cyan (0%)
- Magenta (58%)
- Yellow (15%)
- Black (6%)



- Cyan (6%)
- Magenta (61%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EF64CA 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 EF64CA by changing the saturation by 10% instead.



 EF64CA

 EF64CA

FFFFFF

 D147AE

 FF9DFF

 B42794

 FFBAFF

 97007A

 FFD7FF

 7B0061

 FFF4FF

 5F0049

 450032

 29001C

 000000

 EF64CA

 EF64CA

 EF4CC4

 EF7CD0

 EF34BD

 EF94D7

 EF1CB7

 EFACDD

 EF04B1

 EFC4E3

 EF00AF

 EFDBEA

 EFF3F0

 EFFFF7

 EFFFFD

 EFFFFF

# Harmonies

## Analogous

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



AE81FD



EF64CA



FF588C

# Triad

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



EF64CA



A89B00



00B4E3

# Complementary

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



EF64CA



64EF89

# 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.



00B6A7



EF64CA



65AA29

# Square

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



EF64CA



DC8418



00B266



00ACFF

# Rectangle

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



EF64CA



FF6163



00B266



00B5D1



# Sweetspot

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



EF64CA



FFD4F3



8764EF



806679



000000



808080



# Same Dimension

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



EF64CA



FF4DCF



EF6487



786C75



B80087



380029



# Inverse Universe

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



EF64CA



FF4DCF



64EFCC



786C75



B80087



380029



# Previews

## White Background



This preview shows how the Hex color EF64CA looks on a white background.

## Color Contrast Check

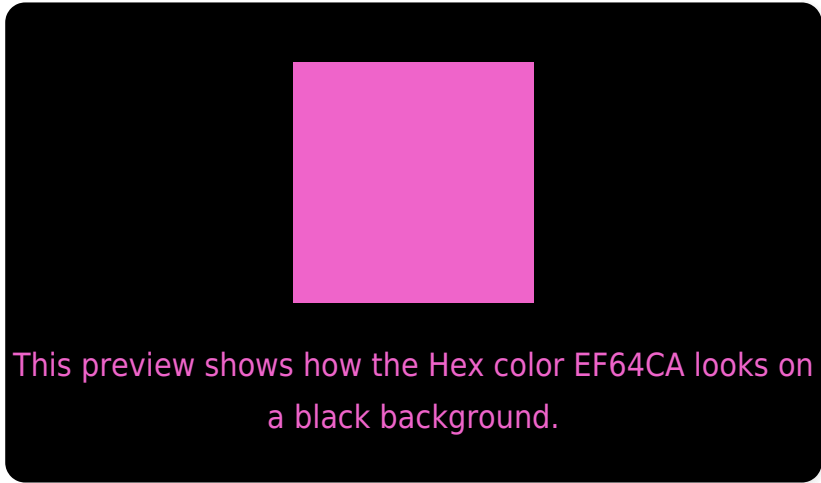
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex EF64CA Background



This preview shows how black text looks on a background with the Hex color EF64CA.




This preview shows how white text looks on a background with the Hex color EF64CA.

# 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**  
E7767F

# Trichromacy



**Original Color**  
EF64CA



**Protanomaly**  
A384E3



**Deuteranomaly**  
B484C5



**Tritanomaly**  
EA6F9A

# Monochromacy



**Original Color**  
EF64CA



**Achromatopsia**  
999999



**Achromatomaly**  
B886AB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EF64CA 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 #EF64CA looks like.

```
.text, #text, p{  
    color:#EF64CA  
}
```

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 #EF64CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EF64CA
}
```

## Border

The CSS property to change the border of an element to Hex EF64CA 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
#EF64CA }
```

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

```
.border{ border-color:#EF64CA }
```

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

Here you see how a box with a 4 pixel #EF64CA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EF64CA; -webkit-box-shadow:4px 4px  
4px 4px #EF64CA; box-shadow:4px 4px 4px  
4px #EF64CA }
```

# Background

The CSS property to change the background color of an element to Hex EF64CA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EF64CA }
```

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

```
.background{ background-color:#EF64CA }
```

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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