

# Converting Colors

Hex(EF6AC4)

Have a look what the booklet for  
Hex(EF6AC4) contains.

<b>Hex(EF6AC4)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(EF6AC4)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	EF6AC4
RGB	239, 106, 196
RGB Percent	94%, 42%, 77%
CMY	0.0627, 0.5843, 0.2314
CMYK	0.00, 0.56, 0.18, 0.06
HSL	319°, 81%, 68%
HSV	319°, 56%, 94%
XYZ	50.7144, 32.6443, 55.8526
YIQ	156.0270, 50.3780, 56.1860

# Conversions

## Conversions Part 2

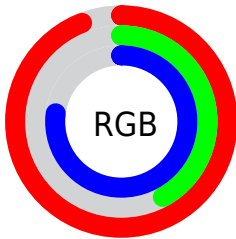
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	239, 106, 196
Decimal	15690436
CIE Lab	63.87, 61.27, -22.39
CIE LCh	64, 65.228, 339.925
Yxy	32.6443, 0.3643, 0.2345
Android (android.graphics.Color)	4293880516 (0xFFEF6AC4)
YUV	156.0270, 19.7067, 72.7673
Hunter-Lab	57.1352, 58.4539, -17.9644

# Details

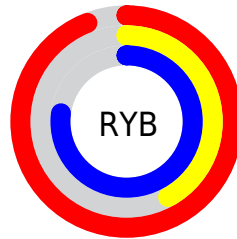
The Hex color **EF6AC4** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **6AEF95**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **FFA2FD**, and **B4308E** is the 20% darker color. If you saturate the color by 10%, you get **EF52BC**, and if you desaturate by 10%, it is **EF82CC**.

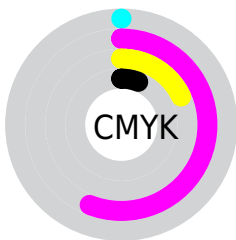
# Distribution



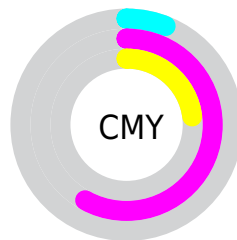
- Red (94%)
- Green (42%)
- Blue (77%)



- Red (94%)
- Yellow (42%)
- Blue (77%)



- Cyan (0%)
- Magenta (56%)
- Yellow (18%)
- Black (6%)



- Cyan (6%)
- Magenta (58%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EF6AC4 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 EF6AC4 by changing the saturation by 10% instead.



 EF6AC4

 EF6AC4

FFFFFF

 D14EA9

 FFA2FD

 B4308E

 FFBFFF

 970374

 FFDCCF

 7B005C

 FFFAFF

 5F0044

 45002D

 2A0018

 000000

 EF6AC4

 EF6AC4

 EF52BC

 EF82CC

 EF3AB5

 EF9AD3

 EF22AD

 EFB2DB

 EF0AA5

 EFCAE3

 EF00A2

 EFE2EB

 EFF9F2

 EFFFFA

 EFFFFF

# Harmonies

## Analogous

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



B683F5



EF6AC4



FF628A

# Triad

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



EF6AC4



A69E12



00B4E4

# Complementary

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



EF6AC4



6AEF95

# 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.



00B6AD



EF6AC4



66AC3A

# Square

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



EF6AC4



D78925



00B471



00ACFF

# Rectangle

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



EF6AC4



FF6A64



00B471



00B5D3



# Sweetspot

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



EF6AC4



FFD4F1



946AEF



806677



000000



808080



# Same Dimension

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



EF6AC4



FF54C8



EF6A82



786C74



B8007C



380026



# Inverse Universe

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



EF6AC4



FF54C8



6AEFD7



786C74



B8007C

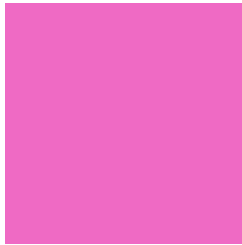


380026



# Previews

## White Background



This preview shows how the Hex color EF6AC4 looks on a white background.

## Color Contrast Check

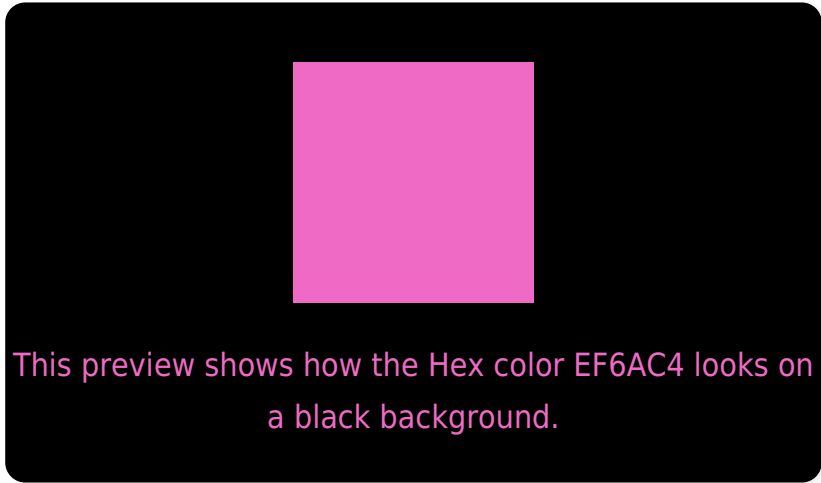
Large Text (above 18pt) WCAG AA × Fail

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 EF6AC4 Background



This preview shows how black text looks on a background with the Hex color EF6AC4.

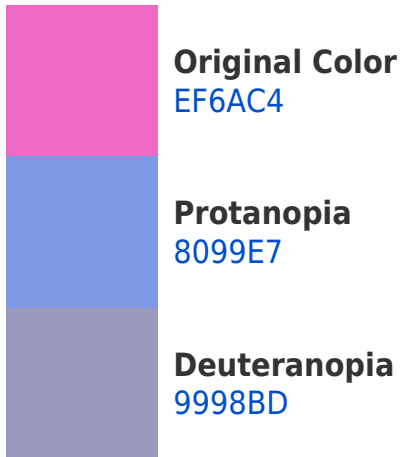


This preview shows how white text looks on a background with the Hex color EF6AC4.

# 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**  
E87982

# Trichromacy



**Original Color**  
EF6AC4



**Protanomaly**  
A888DA



**Deuteranomaly**  
B887C0



**Tritanomaly**  
EB749A

# Monochromacy



**Original Color**  
EF6AC4



**Achromatopsia**  
9C9C9C



**Achromatomaly**  
BA8AAB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EF6AC4 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 #EF6AC4 looks like.

```
.text, #text, p{  
  color:#EF6AC4  
}
```

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 #EF6AC4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EF6AC4
}
```

## Border

The CSS property to change the border of an element to Hex EF6AC4 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
#EF6AC4 }
```

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

```
.border{ border-color:#EF6AC4 }
```

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

Here you see how a box with a 4 pixel #EF6AC4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EF6AC4; -webkit-box-shadow:4px 4px  
4px 4px #EF6AC4; box-shadow:4px 4px 4px  
4px #EF6AC4 }
```

# Background

The CSS property to change the background color of an element to Hex EF6AC4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EF6AC4 }
```

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

```
.background{ background-color:#EF6AC4 }
```

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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