

# Converting Colors

Hex(EF12F7)

Have a look what the booklet for  
Hex(EF12F7) contains.

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**Color**

**Hex(EF12F7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EF12F7
RGB	239, 18, 247
RGB Percent	94%, 7%, 97%
CMY	0.0627, 0.9294, 0.0314
CMYK	0.03, 0.93, 0.00, 0.03
HSL	298°, 93%, 52%
HSV	298°, 93%, 97%
XYZ	52.6014, 25.4987, 90.1450
YIQ	110.1850, 58.2070, 118.0710

# Conversions

## Conversions Part 2

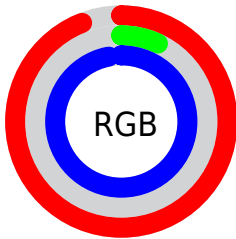
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	239, 18, 247
Decimal	15667959
CIE <sub>Lab</sub>	57.56, 93.45, -60.97
CIE <sub>LCh</sub>	58, 111.581, 326.876
Yxy	25.4987, 0.3126, 0.1516
Android (android.graphics.Color)	4293858039 (0xFFEF12F7)
YUV	110.1850, 67.4498, 112.9708
Hunter-Lab	50.4963, 97.5730, -70.4960

# Details

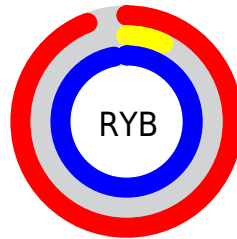
The Hex color **EF12F7** is a light color, and the websafe version is hex **FF00FF**. The color can be described as light washed magenta. A complement of this color would be **1AF712**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **FF6AFF**, and **B200BE** is the 20% darker color. If you saturate the color by 10%, you get **EE00F7**, and if you desaturate by 10%, it is **F02BF7**.

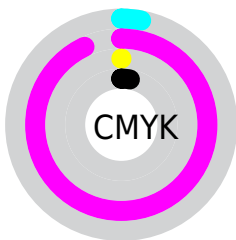
# Distribution



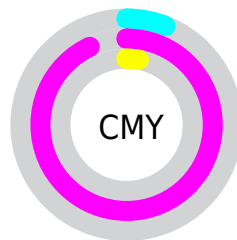
- Red (94%)
- Green (7%)
- Blue (97%)



- Red (94%)
- Yellow (7%)
- Blue (97%)



- Cyan (3%)
- Magenta (93%)
- Yellow (0%)
- Black (3%)



- Cyan (6%)
- Magenta (93%)
- Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EF12F7 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 EF12F7 by changing the saturation by 10% instead.



 EF12F7

 EF12F7

FFFFFF

 D000DA

 FF6AFF

 B200BE

 FF8AFF

 9400A2

 FFA9FF

 760087

 FFC8FF

 58006D

 FFE7FF

 3C0054

 1B003B

 000224

 00000C

 EF12F7

 EF12F7

 EE00F7

 F02BF7

 F143F7

 F25CF7

 F275F7

 F38EF7

 F4A6F7

 F5BFF7

 F6D8F7

 F7F0F7

# Harmonies

## Analogous

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



3B75FF



EF12F7



FF0099

# Triad

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



EF12F7



B18400



00B0E1

# Complementary

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



EF12F7



1AF712

# 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.



00AE7D



EF12F7



4D9D00

# Square

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



EF12F7



F85000



00A900



00ACFF

# Rectangle

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



EF12F7



FF005A



00A900



00B0C1



# Sweetspot

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



EF12F7



FDB8FF



121DF7



7E5480



000000



808080



# Same Dimension

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



EF12F7



F600FF



F71290



7A6E7A



B400BA



39003B



# Inverse Universe

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



F7121A



FF0009



12F779



7A6E6F



BA0007



3B0002



# Previews

## White Background



This preview shows how the Hex color EF12F7 looks on a white background.

## Color Contrast Check

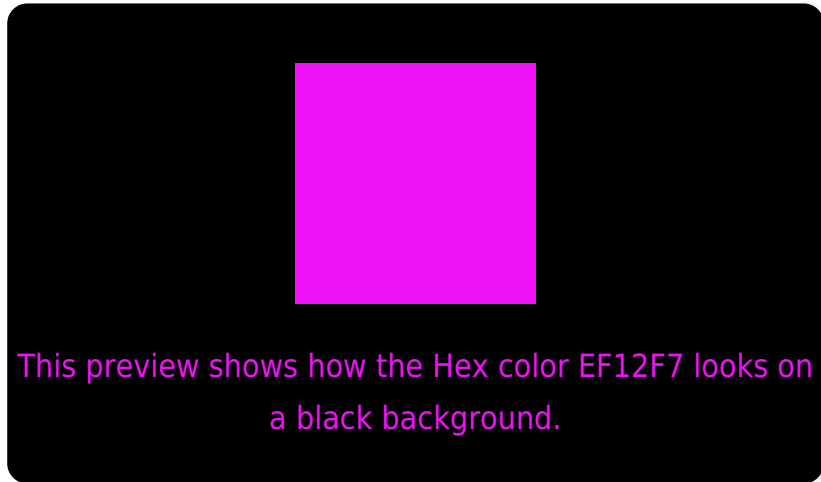
Large Text (above 18pt) WCAG AA ✓ Pass

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

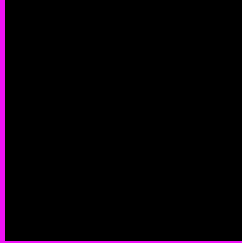
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex EF12F7 Background



This preview shows how black text looks on a background with the Hex color EF12F7.



This preview shows how white text looks on a background with the Hex color EF12F7.

# 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



**Original Color**  
EF12F7

**Protanopia**  
4B87FF

**Deuteranopia**  
4B8CE8



# Trichromacy



**Original Color**  
EF12F7



**Protanomaly**  
875CFC



**Deuteranomaly**  
8760ED



**Tritanomaly**  
E5459C

# Monochromacy



**Original Color**  
EF12F7



**Achromatopsia**  
6E6E6E



**Achromatomaly**  
9D4DA0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EF12F7 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 #EF12F7 looks like.

```
.text, #text, p{  
    color:#EF12F7  
}
```

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 #EF12F7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EF12F7
}
```

## Border

The CSS property to change the border of an element to Hex EF12F7 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
#EF12F7 }
```

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

```
.border{ border-color:#EF12F7 }
```

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

Here you see how a box with a 4 pixel #EF12F7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EF12F7; -webkit-box-shadow:4px 4px  
4px 4px #EF12F7; box-shadow:4px 4px 4px  
4px #EF12F7 }
```

# Background

The CSS property to change the background color of an element to Hex EF12F7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EF12F7 }
```

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

```
.background{ background-color:#EF12F7 }
```

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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