

Converting Colors

Hex(EF71E6)

Have a look what the booklet for
Hex(EF71E6) contains.

| | |
|--|----|
| Hex(EF71E6) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(EF71E6)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | EF71E6 |
| RGB | 239, 113, 230 |
| RGB Percent | 94%, 44%, 90% |
| CMY | 0.0627, 0.5569, 0.0980 |
| CMYK | 0.00, 0.53, 0.04, 0.06 |
| HSL | 304°, 80%, 69% |
| HSV | 304°, 53%, 94% |
| XYZ | 55.7847, 35.8741, 78.8471 |
| YIQ | 164.0120, 37.5390, 63.0990 |

Conversions

Conversions Part 2

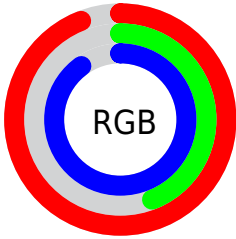
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 239, 113, 230 |
| Decimal | 15692262 |
| CIE _{Lab} | 66.42, 63.35, -37.49 |
| CIE _{LCh} | 66, 73.615, 329.385 |
| Y _{xy} | 35.8741, 0.3272, 0.2104 |
| Android (android.graphics.Color) | 4293882342 (0xFFEF71E6) |
| YUV | 164.0120, 32.5321, 65.7645 |
| Hunter-Lab | 59.8950, 61.4339, -36.1241 |

Details

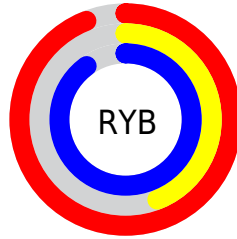
The Hex color **EF71E6** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **71EF7A**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **FFA9FF**, and **B438AE** is the 20% darker color. If you saturate the color by 10%, you get **EF59E4**, and if you desaturate by 10%, it is **EF89E8**.

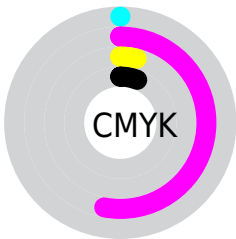
Distribution



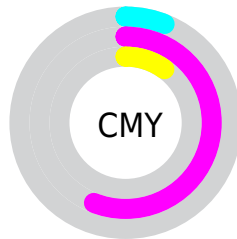
- Red (94%)
- Green (44%)
- Blue (90%)



- Red (94%)
- Yellow (44%)
- Blue (90%)



- Cyan (0%)
- Magenta (53%)
- Yellow (4%)
- Black (6%)



- Cyan (6%)
- Magenta (56%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color EF71E6 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 EF71E6 by changing the saturation by 10% instead.

 EF71E6

 EF71E6

FFFFFF

 D155CA

 FFA9FF

 B438AE

 FFC6FF

 981393

 FFE3FF

 7C0079

 600060

 450047

 2C0030

 00001A

 000000

 EF71E6

 EF71E6

 EF59E4

 EF89E8

 EF41E3

 EFA1E9

 EF29E1

 EFB9EB

 EF11DF

 EFD1ED

 EF00DE

 EFE8EF

 EFFFF0

 EFFFF2

 EFFFF4

 EFFFF5

Harmonies

Analogous

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



9C90FF



EF71E6



FF5CA6

Triad

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



EF71E6



C29E00



00BFE1

Complementary

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



EF71E6



71EF7A

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.



00C09E



EF71E6



80B017

Square

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



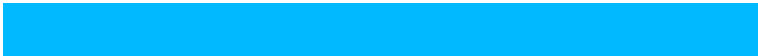
EF71E6



F4842A



00BB5A



00B9FF

Rectangle

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



EF71E6



FF607A



00BB5A



00C0CC

Sweetspot

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



EF71E6



FFD6FC



7971EF



80677E



000000



808080

Same Dimension

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



EF71E6



FF5EF4



EF71A8



786C77



B800AA



380034

Inverse Universe

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



EF71E6



FF5EF4



71EFB8



786C77



B800AA



380034

Previews

White Background



This preview shows how the Hex color EF71E6 looks on a white background.

Color Contrast Check

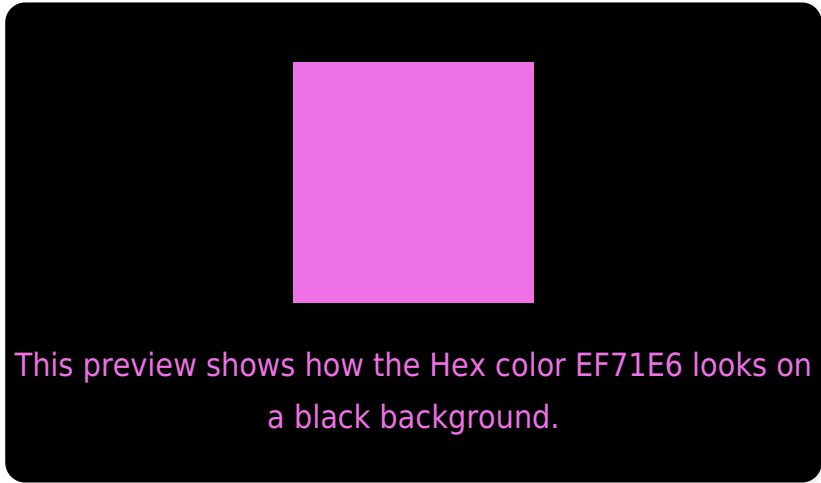
Large Text (above 18pt) WCAG AA × Fail

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 EF71E6 Background



This preview shows how black text looks on a background with the Hex color EF71E6.

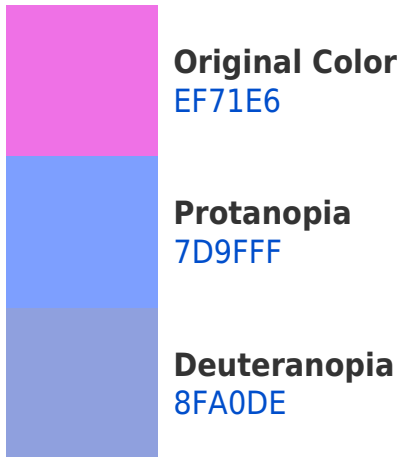


This preview shows how white text looks on a background with the Hex color EF71E6.

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
E58690

Trichromacy



Original Color
EF71E6



Protanomaly
A68EF6



Deuteranomaly
B28FE1



Tritanomaly
E97EAF

Monochromacy



Original Color
EF71E6



Achromatopsia
A4A4A4



Achromatomaly
BF91BC

CSS Examples

Text

The CSS property to change the color of the text to Hex EF71E6 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 #EF71E6 looks like.

```
.text, #text, p{  
    color:#EF71E6  
}
```

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 #EF71E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EF71E6
}
```

Border

The CSS property to change the border of an element to Hex EF71E6 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
#EF71E6 }
```

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

```
.border{ border-color:#EF71E6 }
```

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

Here you see how a box with a 4 pixel #EF71E6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EF71E6; -webkit-box-shadow:4px 4px  
4px 4px #EF71E6; box-shadow:4px 4px 4px  
4px #EF71E6 }
```

Background

The CSS property to change the background color of an element to Hex EF71E6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EF71E6 }
```

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

```
.background{ background-color:#EF71E6 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor