

# Converting Colors

Hex(EA6FEC)

Have a look what the booklet for  
Hex(EA6FEC) contains.

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# Color

Hex(EA6FEC)

# Conversions

## Conversions Part 1

Format	Color
Hex	EA6FEC
RGB	234, 111, 236
RGB Percent	92%, 44%, 93%
CMY	0.0824, 0.5647, 0.0745
CMYK	0.01, 0.53, 0.00, 0.07
HSL	299°, 77%, 68%
HSV	299°, 53%, 93%
XYZ	54.7564, 34.9174, 83.2106
YIQ	162.0270, 33.1830, 64.9510

# Conversions

## Conversions Part 2

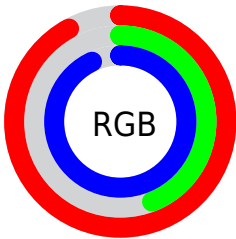
Format	Color
<a href="#">RYB</a>	<a href="#">234, 111, 236</a>
Decimal	<a href="#">15364076</a>
CIELab	<a href="#">65.68, 63.95, -42.02</a>
CIElCh	<a href="#">66, 76.521, 326.694</a>
Yxy	<a href="#">34.9174, 0.3167, 0.2020</a>
Android (android.graphics.Color)	<a href="#">4293554156</a> ( <a href="#">0xFFEA6FEC</a> )
YUV	<a href="#">162.0270, 36.4687, 63.1203</a>
Hunter-Lab	<a href="#">59.0910, 61.9972, -42.1272</a>

# Details

The Hex color **EA6FEC** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **71EC6F**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **FFA7FF**, and **AF35B4** is the 20% darker color. If you saturate the color by 10%, you get **EA57EC**, and if you desaturate by 10%, it is **EA87EC**.

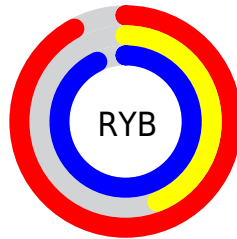
# Distribution



Red (92%)

Green (44%)

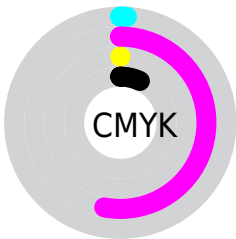
Blue (93%)



Red (92%)

Yellow (44%)

Blue (93%)

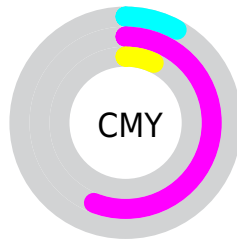


Cyan (1%)

Magenta (53%)

Yellow (0%)

Black (7%)



Cyan (8%)

Magenta (56%)

Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EA6FEC 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 EA6FEC by changing the saturation by 10% instead.



 EA6FEC

 EA6FEC

FFFFFF

 CC53CF

 FFA7FF

 AF35B4

 FFC4FF

 931099

 FFE1FF

 77007E

 5C0065

 41004C

 270035

 00001E

 000000

 EA6FEC

 EA6FEC

 EA57EC

 EA87EC

 E940EC

 EB9EEC

 E928EC

 EBB6EC

 E811EC

 ECCDEC

 E800EC

 ECE5EC

 ECFDEC

 EDFDEC

# Harmonies

## Analogous

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



8C91FF



EA6FEC



FF56AA

# Triad

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



EA6FEC



C69A00



00BEDC

# Complementary

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



EA6FEC



71EC6F

# 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.



00BE96



EA6FEC



83AE00

# Square

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



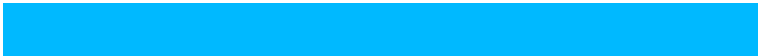
EA6FEC



F87D27



00B94F



00B9FF

# Rectangle

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



EA6FEC



FF587C



00B94F



00BFC5



# Sweetspot

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



EA6FEC



FED6FF



6F71EC



7F6780



000000



808080



# Same Dimension

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



EA6FEC



FC5CFF



EC6FB0



756A75



B200B5



350036



# Inverse Universe

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



EC6F71



FF5C5E



6FECAB



756A6A



B50003



360001



# Previews

## White Background



This preview shows how the Hex color EA6FEC looks on a white background.

## Color Contrast Check

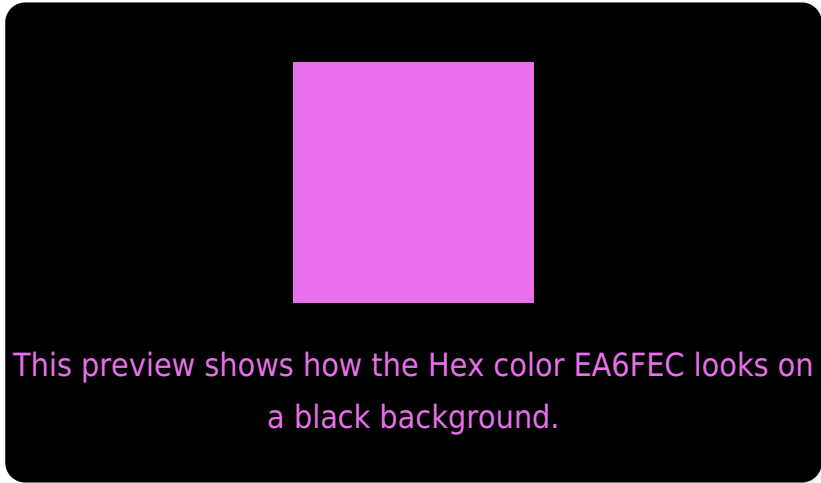
Large Text (above 18pt) WCAG AA × Fail

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 EA6FEC Background



This preview shows how black text looks on a background with the Hex color EA6FEC.

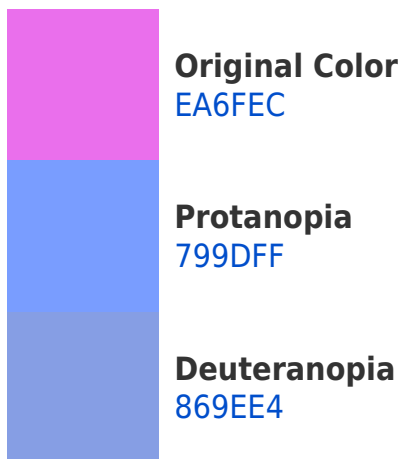


This preview shows how white text looks on a background with the Hex color EA6FEC.

# 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**  
DF8690

# Trichromacy



**Original Color**  
EA6FEC



**Protanomaly**  
A28CF8



**Deuteranomaly**  
AA8DE7



**Tritanomaly**  
E37EB1

# Monochromacy



**Original Color**  
EA6FEC



**Achromatopsia**  
A2A2A2



**Achromatomaly**  
BC8FBD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EA6FEC 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 #EA6FEC looks like.

```
.text, #text, p{  
    color:#EA6FEC  
}
```

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 #EA6FEC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EA6FEC
}
```

## Border

The CSS property to change the border of an element to Hex EA6FEC is called "border". The border property can be set on classes, ids or directly on the HTML element.

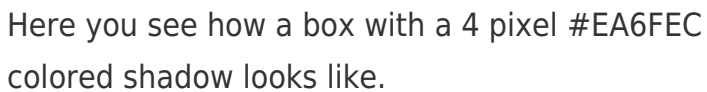
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#EA6FEC }
```

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

```
.border{ border-color:#EA6FEC }
```

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



Here you see how a box with a 4 pixel #EA6FEC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EA6FEC; -webkit-box-shadow:4px 4px  
4px 4px #EA6FEC; box-shadow:4px 4px 4px  
4px #EA6FEC }
```

# Background

The CSS property to change the background color of an element to Hex EA6FEC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EA6FEC }
```

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

```
.background{ background-color:#EA6FEC }
```

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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