

Converting Colors

Hex(EC76F3)

Have a look what the booklet for
Hex(EC76F3) contains.

Hex(EC76F3)	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(EC76F3)

Conversions

Conversions Part 1

Format	Color
Hex	EC76F3
RGB	236, 118, 243
RGB Percent	93%, 46%, 95%
CMY	0.0745, 0.5373, 0.0471
CMYK	0.03, 0.51, 0.00, 0.05
HSL	297°, 84%, 71%
HSV	297°, 51%, 95%
XYZ	57.2482, 37.2608, 88.9688
YIQ	167.5320, 30.2030, 63.8910

Conversions

Conversions Part 2

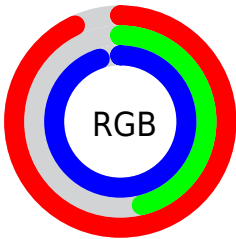
Format	Color
RYB	236, 118, 243
Decimal	15496947
CIELab	67.47, 62.46, -43.06
CIElCh	67, 75.867, 325.419
Yxy	37.2608, 0.3120, 0.2031
Android (android.graphics.Color)	4293687027 (0xFFEC76F3)
YUV	167.5320, 37.2057, 60.0464
Hunter-Lab	61.0416, 60.5842, -43.6866

Details

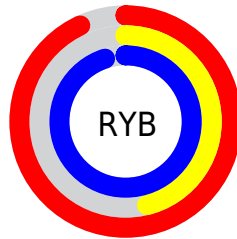
The Hex color **EC76F3** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **7DF376**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **FFAEFF**, and **B23EBA** is the 20% darker color. If you saturate the color by 10%, you get **EB5EF3**, and if you desaturate by 10%, it is **ED8EF3**.

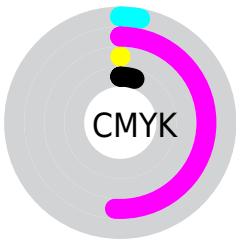
Distribution



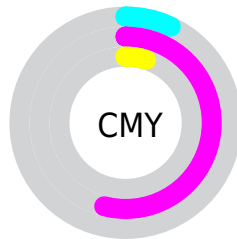
- Red (93%)
- Green (46%)
- Blue (95%)



- Red (93%)
- Yellow (46%)
- Blue (95%)



- Cyan (3%)
- Magenta (51%)
- Yellow (0%)
- Black (5%)



- Cyan (7%)
- Magenta (54%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color EC76F3 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 EC76F3 by changing the saturation by 10% instead.

 EC76F3

 EC76F3

FFFFFF

 CF5AD6

 FFAEFF

 B23EBA

 FFCBFF

 951D9F

 FFE8FF

 790084

 5E006B

 430052

 2A003A

 000023

 00000A

 EC76F3

 EC76F3

 EB5EF3

 ED8EF3

 E945F3

 EFA7F3

 E82DF3

 F0BFF3

 E715F3

 F1D7F3

 E500F3

 F3EFF3

 F4FFF3

 F6FFF3

 F7FFF3

 F8FFF3

Harmonies

Analogous

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



8D97FF



EC76F3



FF5DB2

Triad

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



EC76F3



CD9E00



00C3DD

Complementary

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



EC76F3



7DF376

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.



00C397



EC76F3



8CB202

Square

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



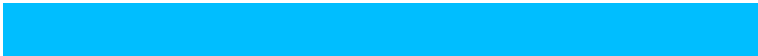
EC76F3



FF8130



10BD51



00BEFF

Rectangle

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



EC76F3



FF5E84



10BD51



00C4C7

Sweetspot

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



EC76F3



FDD9FF



767EF3



7E6980



000000



808080

Same Dimension

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



EC76F3



F661FF



F376BD



7A6E7A



B000BA



37003B

Inverse Universe

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



F3767D



FF616A



76F3AC



7A6E6F



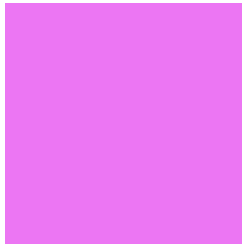
BA000A



3B0003

Previews

White Background



This preview shows how the Hex color EC76F3 looks on a white background.

Color Contrast Check

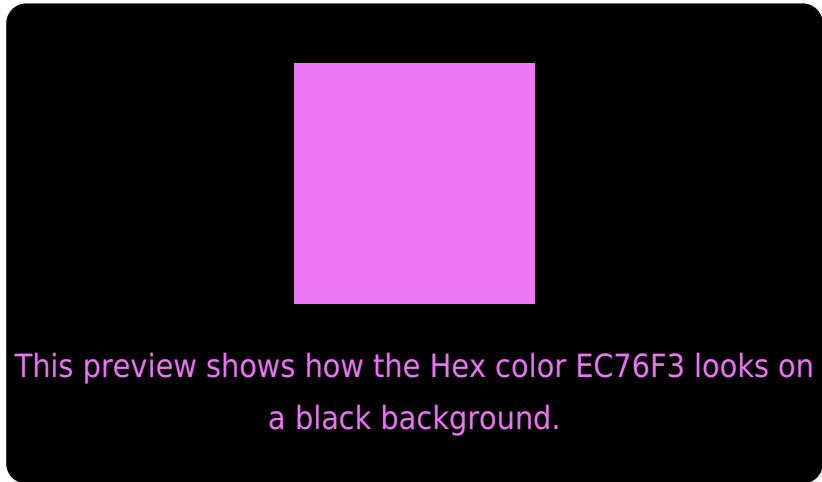
Large Text (above 18pt) WCAG AA × Fail

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 EC76F3 Background



This preview shows how black text looks on a background with the Hex color EC76F3.

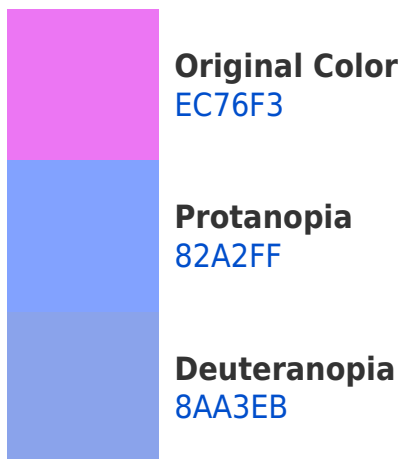


This preview shows how white text looks on a background with the Hex color EC76F3.

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
E08D97

Trichromacy



Original Color
EC76F3



Protanomaly
A992FB



Deuteranomaly
AE93EE



Tritanomaly
E485B8

Monochromacy



Original Color
EC76F3



Achromatopsia
A8A8A8



Achromatomaly
C196C3

CSS Examples

Text

The CSS property to change the color of the text to Hex EC76F3 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 #EC76F3 looks like.

```
.text, #text, p{  
    color:#EC76F3  
}
```

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 #EC76F3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EC76F3
}
```

Border

The CSS property to change the border of an element to Hex EC76F3 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
#EC76F3 }
```

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

```
.border{ border-color:#EC76F3 }
```

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

Here you see how a box with a 4 pixel #EC76F3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EC76F3; -webkit-box-shadow:4px 4px  
4px 4px #EC76F3; box-shadow:4px 4px 4px  
4px #EC76F3 }
```

Background

The CSS property to change the background color of an element to Hex EC76F3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EC76F3 }
```

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

```
.background{ background-color:#EC76F3 }
```

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