

Converting Colors

Hex(EC7FF0)

Have a look what the booklet for
Hex(EC7FF0) contains.

Hex(EC7FF0)	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(EC7FF0)

Conversions

Conversions Part 1

Format	Color
Hex	EC7FF0
RGB	236, 127, 240
RGB Percent	93%, 50%, 94%
CMY	0.0745, 0.5020, 0.0588
CMYK	0.02, 0.47, 0.00, 0.06
HSL	298°, 79%, 72%
HSV	298°, 47%, 94%
XYZ	57.9096, 39.3029, 86.9721
YIQ	172.4730, 28.6910, 58.2510

Conversions

Conversions Part 2

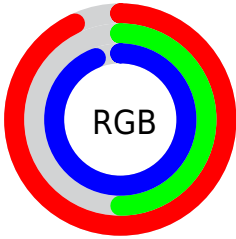
Format	Color
R _Y B	236, 127, 240
Decimal	15499248
CIE Lab	68.97, 57.63, -39.07
CIE LCh	69, 69.622, 325.865
Yxy	39.3029, 0.3144, 0.2134
Android (android.graphics.Color)	4293689328 (0xFFEC7FF0)
YUV	172.4730, 33.2908, 55.7132
Hunter-Lab	62.6920, 55.1723, -38.3681

Details

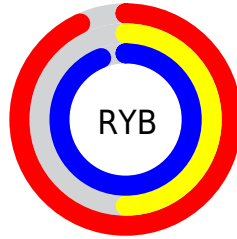
The Hex color **EC7FF0** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **83F07F**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **FFB7FF**, and **B248B8** is the 20% darker color. If you saturate the color by 10%, you get **EB67F0**, and if you desaturate by 10%, it is **ED97F0**.

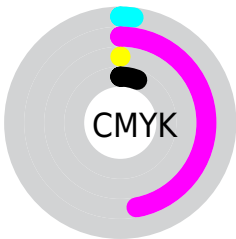
Distribution



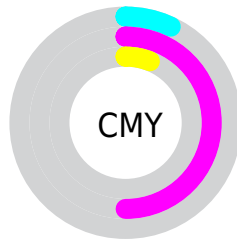
- Red (93%)
- Green (50%)
- Blue (94%)



- Red (93%)
- Yellow (50%)
- Blue (94%)



- Cyan (2%)
- Magenta (47%)
- Yellow (0%)
- Black (6%)



- Cyan (7%)
- Magenta (50%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color EC7FF0 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 EC7FF0 by changing the saturation by 10% instead.

 EC7FF0

 EC7FF0

FFFFFF

 CF64D3

 FFB7FF

 B248B8

 FFD3FF

 962C9C

 FFF1FF


 7A0482

 5F0068

 440050

 2D0038

 020022

 000007

 EC7FF0

 EC7FF0

 EB67F0

 ED97F0

 EA4FF0

 EEAFF0

 E937F0

 EFC7F0

 E91FF0

 EFDFF0

 E807F0

 F0F7F0

 E800F0

 F1FFF0

 F2FFF0

 F3FFF0

 F4FFF0

Harmonies

Analogous

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



989BFF



EC7FF0



FF6BB4

Triad

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



EC7FF0



CFA215



00C6DE

Complementary

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



EC7FF0



83F07F

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.



00C59D



EC7FF0



92B527

Square

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



EC7FF0



FE893F



35C05D



00C0FF

Rectangle

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



EC7FF0



FF6C8A



35C05D



00C6C9

Sweetspot

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



EC7FF0



FEDBFF



7F85F0



7F6A80



000000



808080

Same Dimension

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



EC7FF0



FA6EFF



F07FBD



776C78



B100B8



360038

Inverse Universe

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



F07F83



FF6E73



7FF0B2



786C6C



B80006



380002

Previews

White Background



This preview shows how the Hex color EC7FF0 looks on a white background.

Color Contrast Check

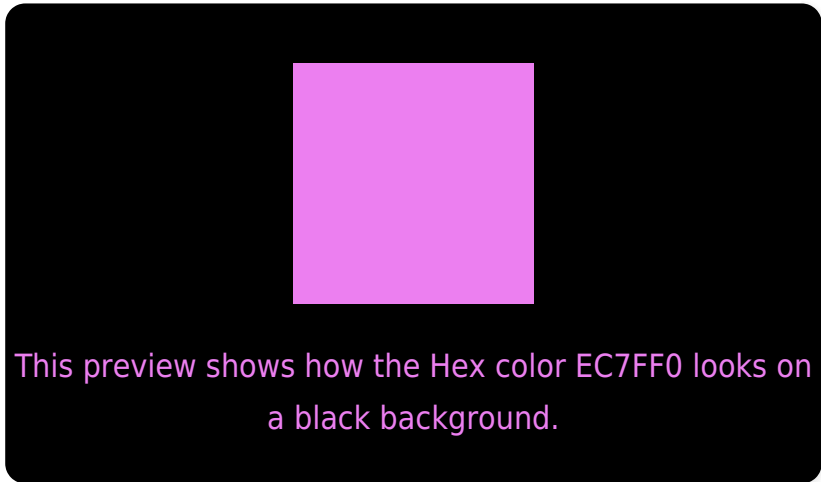
Large Text (above 18pt) WCAG AA × Fail

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 EC7FF0 Background



This preview shows how black text looks on a background with the Hex color EC7FF0.

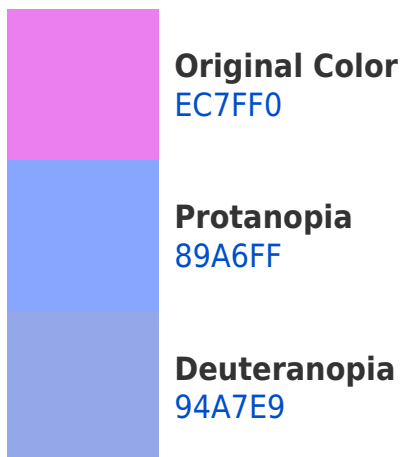



This preview shows how white text looks on a background with the Hex color EC7FF0.

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
E1929D

Trichromacy



Original Color
EC7FF0



Protanomaly
AD98FA



Deuteranomaly
B498EC



Tritanomaly
E58BBB

Monochromacy



Original Color
EC7FF0



Achromatopsia
ACACAC



Achromatomaly
C39CC5

CSS Examples

Text

The CSS property to change the color of the text to Hex EC7FF0 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 #EC7FF0 looks like.

```
.text, #text, p{  
    color:#EC7FF0  
}
```

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 #EC7FF0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EC7FF0
}
```

Border

The CSS property to change the border of an element to Hex EC7FF0 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
#EC7FF0 }
```

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

```
.border{ border-color:#EC7FF0 }
```

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

Here you see how a box with a 4 pixel #EC7FF0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EC7FF0; -webkit-box-shadow:4px 4px  
4px 4px #EC7FF0; box-shadow:4px 4px 4px  
4px #EC7FF0 }
```

Background

The CSS property to change the background color of an element to Hex EC7FF0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EC7FF0 }
```

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

```
.background{ background-color:#EC7FF0 }
```

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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