

Converting Colors

Hex(EC75FF)

Have a look what the booklet for
Hex(EC75FF) contains.

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Color

Hex(EC75FF)

Conversions

Conversions Part 1

Format	Color
Hex	EC75FF
RGB	236, 117, 255
RGB Percent	93%, 46%, 100%
CMY	0.0745, 0.5412, 0.0000
CMYK	0.07, 0.54, 0.00, 0.00
HSL	292°, 100%, 73%
HSV	292°, 54%, 100%
XYZ	59.0034, 37.7754, 98.7893
YIQ	168.3130, 26.6260, 68.1460

Conversions

Conversions Part 2

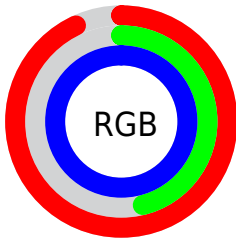
Format	Color
R _Y B	236, 117, 255
Decimal	15496703
CIE Lab	67.85, 65.09, -49.04
CIE LCh	68, 81.494, 323.003
Yxy	37.7754, 0.3017, 0.1932
Android (android.graphics.Color)	4293686783 (0xFFEC75FF)
YUV	168.3130, 42.7367, 59.3615
Hunter-Lab	61.4617, 63.8022, -52.2754

Details

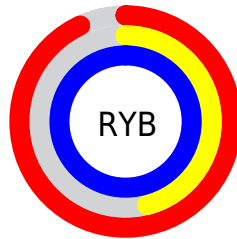
The Hex color **EC75FF** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **88FF75**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **FFADFF**, and **B13CC6** is the 20% darker color. If you saturate the color by 10%, you get **E85BFF**, and if you desaturate by 10%, it is **F08FFF**.

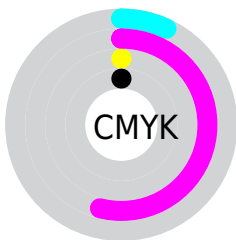
Distribution



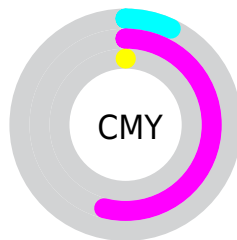
- Red (93%)
- Green (46%)
- Blue (100%)



- Red (93%)
- Yellow (46%)
- Blue (100%)



- Cyan (7%)
- Magenta (54%)
- Yellow (0%)
- Black (0%)



- Cyan (7%)
- Magenta (54%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color EC75FF 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 EC75FF by changing the saturation by 10% instead.

 EC75FF

 EC75FF

FFFFFF

 CE59E2

 FFADFF

 B13CC6

 FFCAFF

 951AAA

 FFE7FF

 79008F

 5D0075

 41005B

 280043

 00002C

 000116

 EC75FF

 EC75FF

 E85BFF

 F08FFF

 E542FF

 F3A8FF

 E128FF

 F7C2FF

 DE0FFF

 FADBFF

 DC00FF

 FEF4FF

 FFFFFFFF

Harmonies

Analogous

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



7B99FF



EC75FF



FF55BA

Triad

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



EC75FF



D59C00



00C6DD

Complementary

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



EC75FF



88FF75

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.



00C591



EC75FF



90B200

Square

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



EC75FF



FF7C2B



05BF45



00C1FF

Rectangle

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



EC75FF



FF5489



05BF45



00C6C4

Sweetspot

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



EC75FF



F9D6FF



758AFF



7C6780



000000



808080

Same Dimension

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



EC75FF



E859FF



FF75CF



7E7380



A500BF



370040

Inverse Universe

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



FF7588



FF5970



75FFA5



807375



BF001A



400009

Previews

White Background



This preview shows how the Hex color EC75FF looks on a white background.

Color Contrast Check

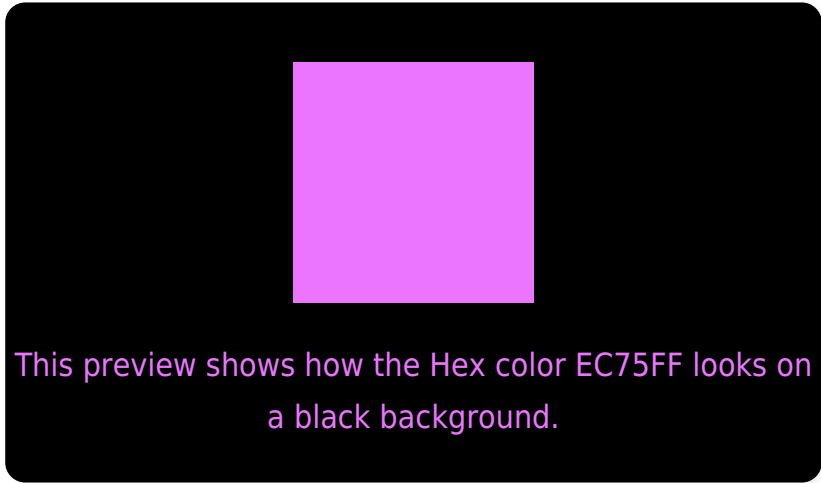
Large Text (above 18pt) WCAG AA × Fail

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

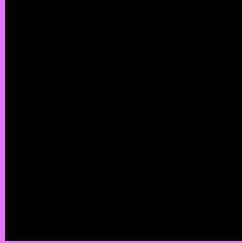
Any Text WCAG AA ✓ Pass

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 EC75FF Background



This preview shows how black text looks on a background with the Hex color EC75FF.

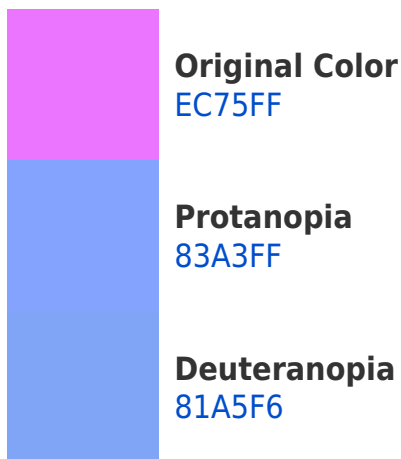


This preview shows how white text looks on a background with the Hex color EC75FF.

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](#).

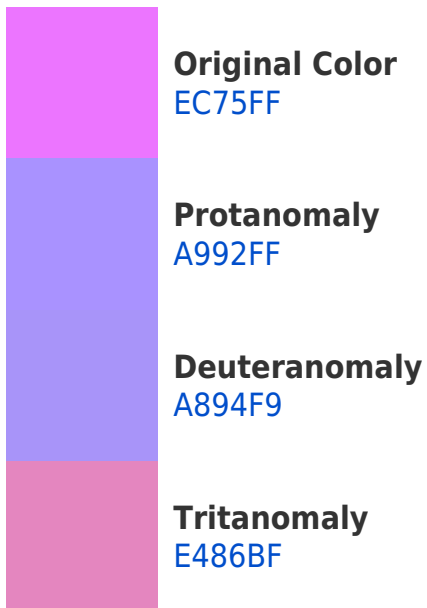
Dichromacy



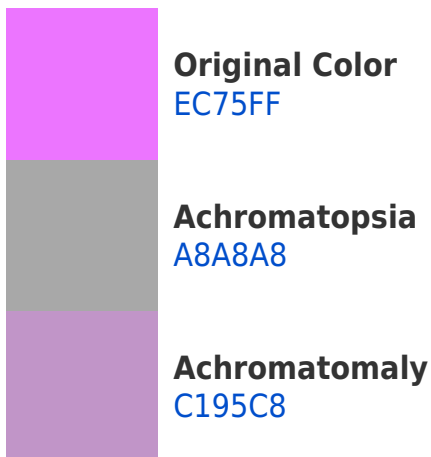


Tritanopia
DF8F9A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex EC75FF 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 #EC75FF looks like.

```
.text, #text, p{  
    color:#EC75FF  
}
```

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 #EC75FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EC75FF
}
```

Border

The CSS property to change the border of an element to Hex EC75FF 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
#EC75FF }
```

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

```
.border{ border-color:#EC75FF }
```

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

Here you see how a box with a 4 pixel #EC75FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EC75FF; -webkit-box-shadow:4px 4px  
4px 4px #EC75FF; box-shadow:4px 4px 4px  
4px #EC75FF }
```

Background

The CSS property to change the background color of an element to Hex EC75FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EC75FF }
```

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

```
.background{ background-color:#EC75FF }
```

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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