

Converting Colors

Hex(EC8EFD)

Have a look what the booklet for
Hex(EC8EFD) contains.

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Color

Hex(EC8EFD)

Conversions

Conversions Part 1

Format	Color
Hex	EC8EFD
RGB	236, 142, 253
RGB Percent	93%, 56%, 99%
CMY	0.0745, 0.4431, 0.0078
CMYK	0.07, 0.44, 0.00, 0.01
HSL	291°, 97%, 77%
HSV	291°, 44%, 99%
XYZ	61.9947, 44.2707, 98.2061
YIQ	182.7600, 20.3930, 54.4490

Conversions

Conversions Part 2

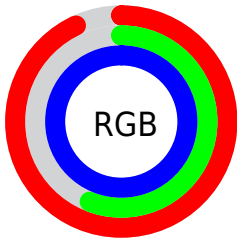
Format	Color
R _Y B	236, 142, 253
Decimal	15503101
CIE _{Lab}	72.41, 52.55, -40.81
CIE _{LCh}	72, 66.530, 322.167
Y _{xy}	44.2707, 0.3032, 0.2165
Android (android.graphics.Color)	4293693181 (0xFFEC8EFD)
YUV	182.7600, 34.6283, 46.6915
Hunter-Lab	66.5362, 49.8777, -40.9355

Details

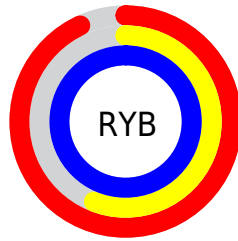
The Hex color **EC8EFD** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **9FFD8E**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **FFC6FF**, and **B258C4** is the 20% darker color. If you saturate the color by 10%, you get **E875FD**, and if you desaturate by 10%, it is **F0A7FD**.

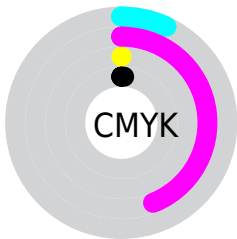
Distribution



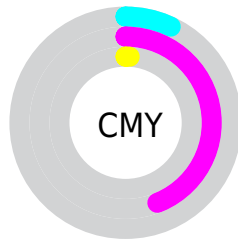
- Red (93%)
- Green (56%)
- Blue (99%)



- Red (93%)
- Yellow (56%)
- Blue (99%)



- Cyan (7%)
- Magenta (44%)
- Yellow (0%)
- Black (1%)



- Cyan (7%)
- Magenta (44%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Hex color EC8EFD 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 EC8EFD by changing the saturation by 10% instead.

 EC8EFD

 EC8EFD

FFFFFF

 CF73E0

 FFC6FF

 B258C4

 FFE2FF

 963EA8

 7B228E

 600074

 45005A

 2D0043

 0D002B

 000115

 EC8EFD

 EC8EFD

 E875FD

 F0A7FD

 E45BFD

 F4C1FD

 E042FD

 F8DAFD

 DD29FD

 FBF3FD

 D90FFD

FFFFFFD

 D600FD

Harmonies

Analogous

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



96A8FF



EC8EFD



FF7AC4

Triad

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



EC8EFD



DFA92F



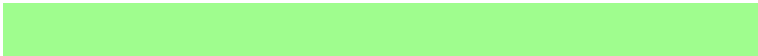
00CFDE

Complementary

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



EC8EFD



9FFD8E

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.



00CE9F



EC8EFD



A6BC36

Square

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



EC8EFD



FF9152



59C863



00CAFF

Rectangle

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



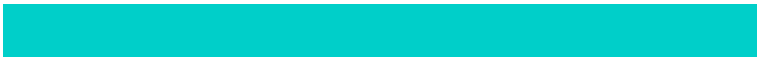
EC8EFD



FF799B



59C863



00FCF9

Sweetspot

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



EC8EFD



FADEFF



8EA1FD



7C6B80



000000



808080

Same Dimension

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



EC8EFD



EA78FF



FD8ED8



7E7380



A200BF



360040

Inverse Universe

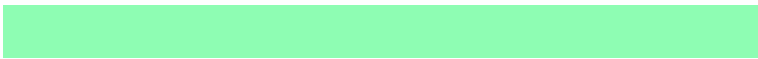
The Inverse Universe completely reimagines the original color for something new.



FD8E9F



FF788D



8EFDB3



807375



BF001D



40000A

Previews

White Background



This preview shows how the Hex color EC8EFD looks on a white background.

Color Contrast Check

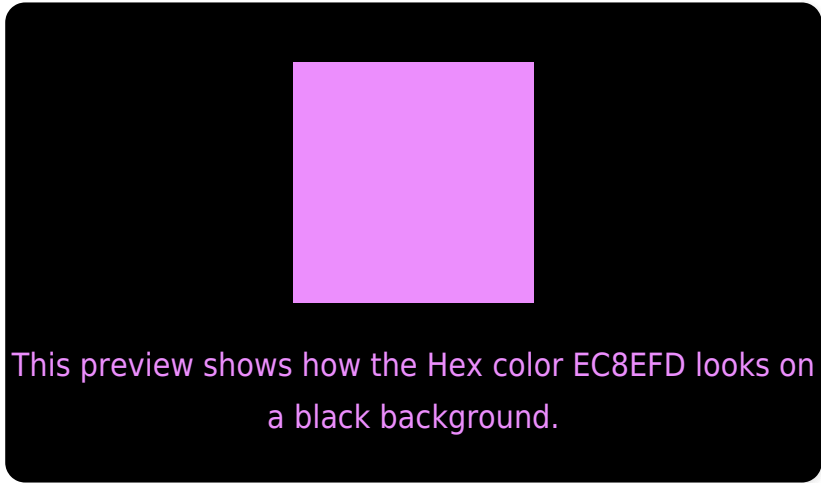
Large Text (above 18pt) WCAG AA × Fail

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

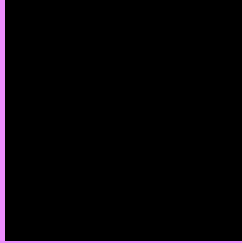
Any Text WCAG AA ✓ Pass

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 EC8EFD Background



This preview shows how black text looks on a background with the Hex color EC8EFD.



This preview shows how white text looks on a background with the Hex color EC8EFD.

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
E1A0AC

Trichromacy



Original Color
EC8EFD



Protanomaly
B6A3FE



Deuteranomaly
B8A4F9



Tritanomaly
E599C9

Monochromacy



Original Color
EC8EFD



Achromatopsia
B7B7B7



Achromatomaly
CAA8D0

CSS Examples

Text

The CSS property to change the color of the text to Hex EC8EFD 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 #EC8EFD looks like.

```
.text, #text, p{  
    color:#EC8EFD  
}
```

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 #EC8EFD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EC8EFD
}
```

Border

The CSS property to change the border of an element to Hex EC8EFD 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
#EC8EFD }
```

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

```
.border{ border-color:#EC8EFD }
```

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

Here you see how a box with a 4 pixel #EC8EFD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EC8EFD; -webkit-box-shadow:4px 4px  
4px 4px #EC8EFD; box-shadow:4px 4px 4px  
4px #EC8EFD }
```

Background

The CSS property to change the background color of an element to Hex EC8EFD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EC8EFD }
```

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

```
.background{ background-color:#EC8EFD }
```

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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