

Converting Colors

Hex(845FEE)

Have a look what the booklet for
Hex(845FEE) contains.

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Color

Hex(845FEE)

Conversions

Conversions Part 1

Format	Color
Hex	845FEE
RGB	132, 95, 238
RGB Percent	52%, 37%, 93%
CMY	0.4824, 0.6275, 0.0667
CMYK	0.45, 0.60, 0.00, 0.07
HSL	256°, 81%, 65%
HSV	256°, 60%, 93%
XYZ	29.0405, 19.2630, 83.0764
YIQ	122.3650, -23.8510, 52.3170

Conversions

Conversions Part 2

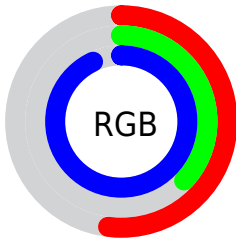
Format	Color
R_{YB}	132, 95, 238
Decimal	8675310
CIE _{Lab}	50.99, 48.00, -67.25
CIE _{LCh}	51, 82.621, 305.517
Yxy	19.2630, 0.2210, 0.1466
Android (android.graphics.Color)	4286865390 (0xFF845FEE)
YUV	122.3650, 57.0081, 8.4499
Hunter-Lab	43.8896, 41.3016, -81.5043

Details

The Hex color **845FEE** is a light color, and the websafe version is hex **9966FF**. The color can be described as light muted purple. A complement of this color would be **C9EE5F**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **BF93FF**, and **482EB5** is the 20% darker color. If you saturate the color by 10%, you get **7247EE**, and if you desaturate by 10%, it is **9677EE**.

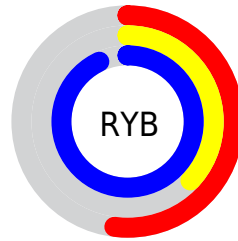
Distribution



Red (52%)

Green (37%)

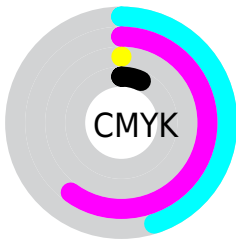
Blue (93%)



Red (52%)

Yellow (37%)

Blue (93%)

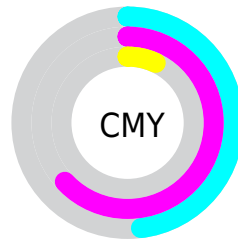


Cyan (45%)

Magenta (60%)

Yellow (0%)

Black (7%)



Cyan (48%)

Magenta (63%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 845FEE 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 845FEE by changing the saturation by 10% instead.

 845FEE

 845FEE

FFFFFF

 6646D1

 BF93FF

 482EB5

 DDAEFF

 241699

 FBCAFF

 00007F

 FFE6FF

 000065

 00024C

 000434

 00021E

 000000

■ 845FEE

■ 845FEE

■ 7247EE

■ 9677EE

■ 612FEE

■ A78FEE

■ 4F18EE

■ B9A6EE

■ 3E00EE

■ CBBEEE

■ DCD6EE

■ EEEEEEE

■ FFFFEE

Harmonies

Analogous

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



007FFF



845FEE



D52CB5

Triad

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



845FEE



C05F00



009685

Complementary

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



845FEE



C9EE5F

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.



00933A



845FEE



887B00

Square

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



845FEE



E6312B



388B00



0096CB

Rectangle

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



845FEE



EC0087



388B00



00966C

Sweetspot

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



845FEE



DDD1FF



5FCAEE



6B6380



000000



808080

Same Dimension

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



845FEE



7747FF



CA5FEE



6F6C78



3000B8



0F0038

Inverse Universe

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



EE5FC9



FF47CF



83EE5F



786C75



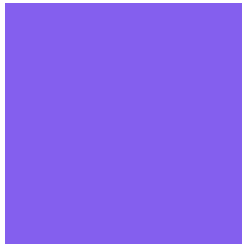
B80088



38002A

Previews

White Background



This preview shows how the Hex color 845FEE looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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

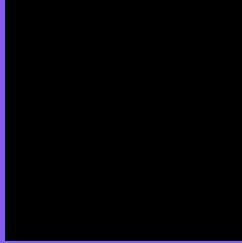
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 845FEE Background



This preview shows how black text looks on a background with the Hex color 845FEE.

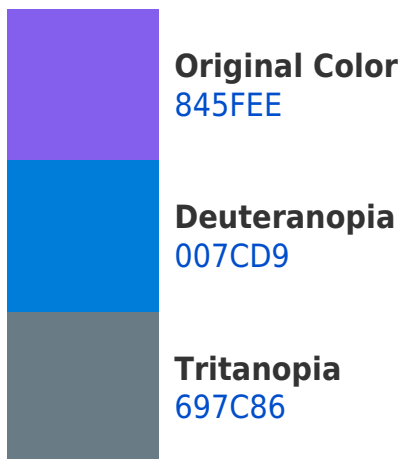


This preview shows how white text looks on a background with the Hex color 845FEE.

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



Trichromacy



Original Color
845FEE



Deuteranomaly
3071E1



Tritanomaly
7371AC

Monochromacy



Original Color
845FEE



Achromatopsia
7A7A7A



Achromatomaly
7E70A4

CSS Examples

Text

The CSS property to change the color of the text to Hex 845FEE 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 #845FEE looks like.

```
.text, #text, p{  
    color:#845FEE  
}
```

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 #845FEE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #845FEE
}
```

Border

The CSS property to change the border of an element to Hex 845FEE is called "border". The border property can be set on classes, ids or directly on the HTML element.

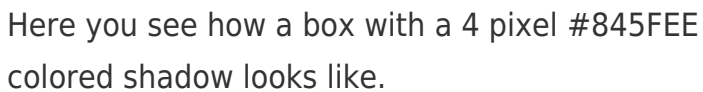
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#845FEE }
```

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

```
.border{ border-color:#845FEE }
```

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



Here you see how a box with a 4 pixel #845FEE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #845FEE; -webkit-box-shadow:4px 4px  
4px 4px #845FEE; box-shadow:4px 4px 4px  
4px #845FEE }
```

Background

The CSS property to change the background color of an element to Hex 845FEE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#845FEE }
```

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

```
.background{ background-color:#845FEE }
```

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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