

Converting Colors

Hex(835EFF)

Have a look what the booklet for
Hex(835EFF) contains.

Hex(835EFF)	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(835EFF)

Conversions

Conversions Part 1

Format	Color
Hex	835EFF
RGB	131, 94, 255
RGB Percent	51%, 37%, 100%
CMY	0.4863, 0.6314, 0.0000
CMYK	0.49, 0.63, 0.00, 0.00
HSL	254°, 100%, 68%
HSV	254°, 63%, 100%
XYZ	31.4128, 20.0507, 96.8223
YIQ	123.4170, -29.6290, 57.9150

Conversions

Conversions Part 2

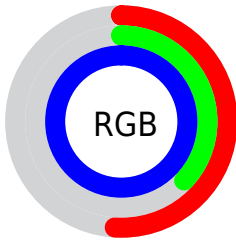
Format	Color
R _Y B	131, 94, 255
Decimal	8609535
CIE Lab	51.89, 53.05, -75.27
CIE LCh	52, 92.080, 305.176
Yxy	20.0507, 0.2118, 0.1352
Android (android.graphics.Color)	4286799615 (0xFF835EFF)
YUV	123.4170, 64.8704, 6.6503
Hunter-Lab	44.7780, 46.8602, -96.8566

Details

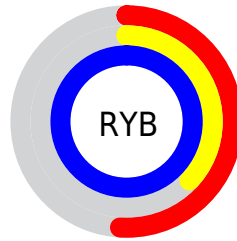
The Hex color **835EFF** is a light color, and the websafe version is hex **9966FF**. The color can be described as light muted purple. A complement of this color would be **DAFF5E**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **C092FF**, and **432CC5** is the 20% darker color. If you saturate the color by 10%, you get **6F45FF**, and if you desaturate by 10%, it is **9778FF**.

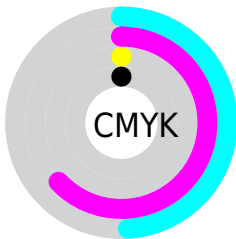
Distribution



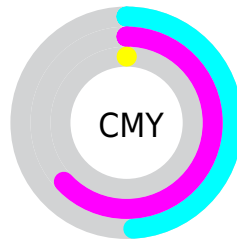
- Red (51%)
- Green (37%)
- Blue (100%)



- Red (51%)
- Yellow (37%)
- Blue (100%)



- Cyan (49%)
- Magenta (63%)
- Yellow (0%)
- Black (0%)



- Cyan (49%)
- Magenta (63%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 835EFF 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 835EFF by changing the saturation by 10% instead.

 835EFF

 835EFF


FFFFFF

 6445E2

 C092FF

 432CC5

 DEADFF

 1513A9

 FDC9FF

 00008E

 FFE6FF

 000073

 00005A

 000741

 00032A

 000114

835EFF

835EFF

6F45FF

9778FF

5C2BFF

AA91FF

4812FF

BEABFF

3B00FF

D2C4FF

E5DEFF

F9F7FF

FFFFFF

Harmonies

Analogous

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



0083FF



835EFF



E010C0

Triad

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



835EFF



C95D00



009B88

Complementary

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



835EFF



DAFF5E

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.



009732



835EFF



8B7D00

Square

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



835EFF



F41B24



2D8F00



009BD6

Rectangle

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



835EFF



FA008C



2D8F00



009A6C

Sweetspot

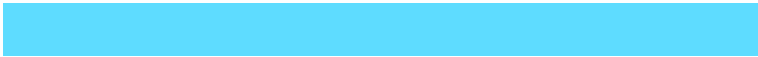
The Sweet Spot groups the original color and five complimentary colors.



835EFF



DACFFF



5EDCFF



696280



000000



808080

Same Dimension

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



835EFF



6A3DFF



D15EFF



767380



2C00BF



0F0040

Inverse Universe

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



FF5EDA



FF3DD2



8CFF5E



80737D



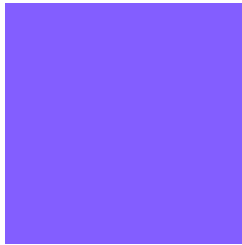
BF0093



400031

Previews

White Background



This preview shows how the Hex color 835EFF 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

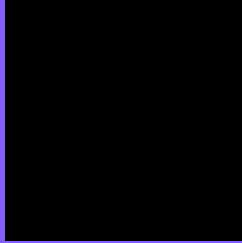
Any Text WCAG AA ✓ Pass

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 835EFF Background



This preview shows how black text looks on a background with the Hex color 835EFF.



This preview shows how white text looks on a background with the Hex color 835EFF.

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](#).

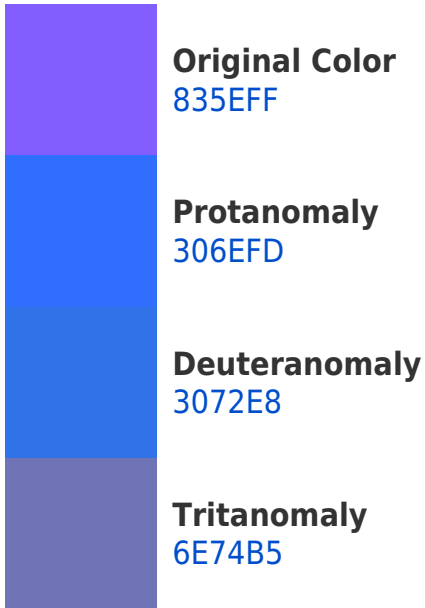
Dichromacy



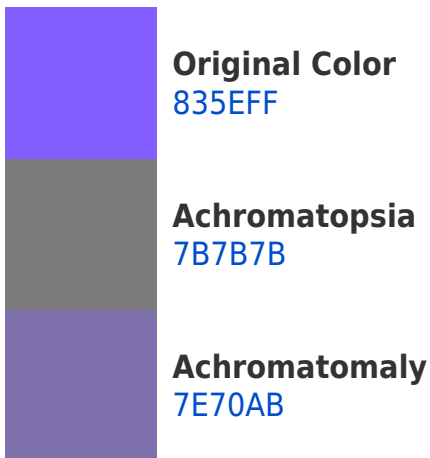


Tritanopia
62808A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 835EFF 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 #835EFF looks like.

```
.text, #text, p{  
    color:#835EFF  
}
```

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 #835EFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #835EFF
}
```

Border

The CSS property to change the border of an element to Hex 835EFF is called "border". The border property can be set on classes, ids or directly on the HTML element.

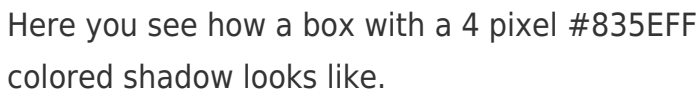
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#835EFF }
```

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

```
.border{ border-color:#835EFF }
```

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



Here you see how a box with a 4 pixel #835EFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #835EFF; -webkit-box-shadow:4px 4px  
4px 4px #835EFF; box-shadow:4px 4px 4px  
4px #835EFF }
```

Background

The CSS property to change the background color of an element to Hex 835EFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#835EFF }
```

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

```
.background{ background-color:#835EFF }
```

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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