

Converting Colors

Hex(8836FC)

Have a look what the booklet for
Hex(8836FC) contains.

| | |
|------------------------------------------------|----|
| Hex(8836FC) | 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(8836FC)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 8836FC |
| RGB | 136, 54, 252 |
| RGB Percent | 53%, 21%, 99% |
| CMY | 0.4667, 0.7882, 0.0118 |
| CMYK | 0.46, 0.79, 0.00, 0.01 |
| HSL | 265°, 97%, 60% |
| HSV | 265°, 79%, 99% |
| XYZ | 29.0432, 14.9008, 93.4409 |
| YIQ | 101.0900, -14.6860, 78.9620 |

Conversions

Conversions Part 2

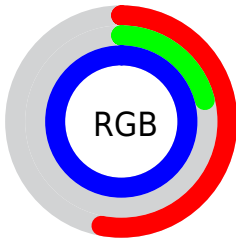
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 136, 54, 252 |
| Decimal | 8926972 |
| CIE _{Lab} | 45.50, 71.70, -84.03 |
| CIE _{LCh} | 45, 110.458, 310.472 |
| Yxy | 14.9008, 0.2114, 0.1085 |
| Android (android.graphics.Color) | 4287117052 (0xFF8836FC) |
| YUV | 101.0900, 74.3986, 30.6161 |
| Hunter-Lab | 38.6016, 66.7475, -116.4990 |

Details

The Hex color **8836FC** is a dark color, and the websafe version is hex **9933FF**. The color can be described as middle washed purple. A complement of this color would be **AAFC36**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **C66EFF**, and **4600C2** is the 20% darker color. If you saturate the color by 10%, you get **791DFC**, and if you desaturate by 10%, it is **974FFC**.

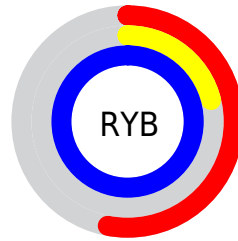
Distribution



Red (53%)

Green (21%)

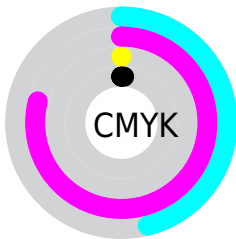
Blue (99%)



Red (53%)

Yellow (21%)

Blue (99%)

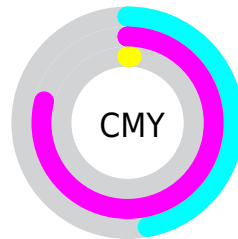


Cyan (46%)

Magenta (79%)

Yellow (0%)

Black (1%)



Cyan (47%)

Magenta (79%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8836FC 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 8836FC by changing the saturation by 10% instead.

 8836FC

 8836FC

FFFFFF

 6813DF

 C66EFF

 4600C2

 E58AFF

 1900A6

 FFA6FF

 00008A

 FFC3FF

 000070

 FFE0FF

 000556

 FFFDFF

 00063E

 000327

 000111

 8836FC

 8836FC

 791DFC

 974FFC

 6A04FC

 A668FC

 6800FC

 B482FC

 C39BFC

 D2B4FC

 E1CDFC

 EFE6FC

FEFFFC

FFFFFC

Harmonies

Analogous

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



0071FF



8836FC



E900AC

Triad

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



8836FC



B34E00



008C8B

Complementary

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



8836FC



AAFC36

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.



008925



8836FC



667300

Square

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



8836FC



E90000



008300



008DE5

Rectangle

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



8836FC



FF006F



008300



008B6B

Sweetspot

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



8836FC



DBC2FF



36ADFC



6A5B80



000000



808080

Same Dimension

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



8836FC



730FFF



E836FC



76707D



4E00BD



19003D

Inverse Universe

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



FC36AA



FF0F9C



4AFC36



7D7078



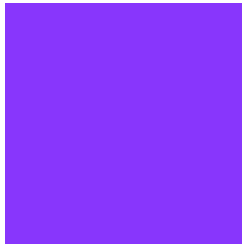
BD006F



3D0024

Previews

White Background



This preview shows how the Hex color 8836FC looks on a white 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

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

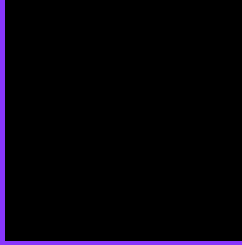
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 8836FC Background



This preview shows how black text looks on a background with the Hex color 8836FC.

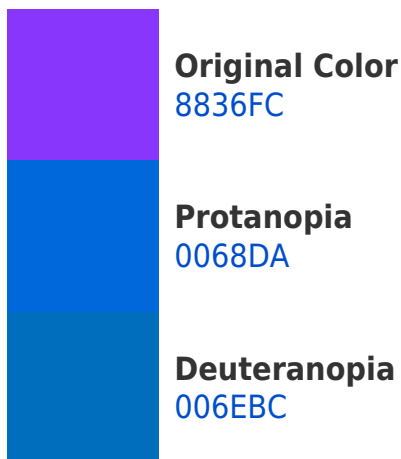



This preview shows how white text looks on a background with the Hex color 8836FC.

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
666C74

Trichromacy



Original Color
8836FC



Protanomaly
3156E6



Deuteranomaly
315AD3



Tritanomaly
7258A5

Monochromacy



Original Color
8836FC



Achromatopsia
656565



Achromatomaly
72549C

CSS Examples

Text

The CSS property to change the color of the text to Hex 8836FC 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 #8836FC looks like.

```
.text, #text, p{  
    color:#8836FC  
}
```

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 #8836FC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8836FC
}
```

Border

The CSS property to change the border of an element to Hex 8836FC is called "border". The border property can be set on classes, ids or directly on the HTML element.

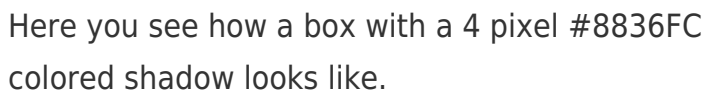
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8836FC }
```

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

```
.border{ border-color:#8836FC }
```

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



Here you see how a box with a 4 pixel #8836FC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8836FC; -webkit-box-shadow:4px 4px  
4px 4px #8836FC; box-shadow:4px 4px 4px  
4px #8836FC }
```

Background

The CSS property to change the background color of an element to Hex 8836FC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8836FC }
```

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

```
.background{ background-color:#8836FC }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor