

Converting Colors

Hex(836CFE)

Have a look what the booklet for
Hex(836CFE) contains.

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Color

Hex(836CFE)

Conversions

Conversions Part 1

Format	Color
Hex	836CFE
RGB	131, 108, 254
RGB Percent	51%, 42%, 100%
CMY	0.4863, 0.5765, 0.0039
CMYK	0.48, 0.57, 0.00, 0.00
HSL	249°, 99%, 71%
HSV	249°, 57%, 100%
XYZ	32.6120, 22.7062, 96.4298
YIQ	131.5210, -33.1580, 50.2820

Conversions

Conversions Part 2

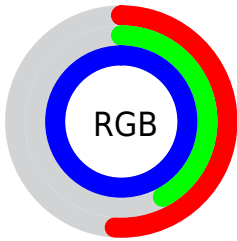
Format	Color
R _Y B	131, 108, 254
Decimal	8613118
CIE Lab	54.77, 45.00, -70.05
CIE LCh	55, 83.260, 302.718
Yxy	22.7062, 0.2149, 0.1496
Android (android.graphics.Color)	4286803198 (0xFF836CFE)
YUV	131.5210, 60.3821, -0.4569
Hunter-Lab	47.6510, 38.7750, -86.6276

Details

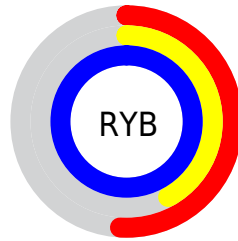
The Hex color **836CFE** is a light color, and the websafe version is hex **6666FF**. A complement of this color would be **E7FE6C**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **BFA0FF**, and **443BC4** is the 20% darker color. If you saturate the color by 10%, you get **6E53FE**, and if you desaturate by 10%, it is **9885FE**.

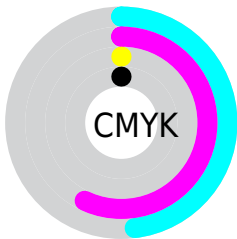
Distribution



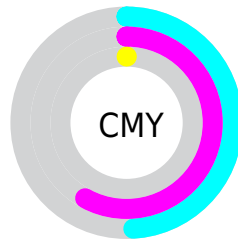
- Red (51%)
- Green (42%)
- Blue (100%)



- Red (51%)
- Yellow (42%)
- Blue (100%)



- Cyan (48%)
- Magenta (57%)
- Yellow (0%)
- Black (0%)



- Cyan (49%)
- Magenta (58%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 836CFE 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 836CFE by changing the saturation by 10% instead.

 836CFE

 836CFE

FFFFFF

 6553E1

 BFA0FF

 443BC4

 DDBCFF

 1B24A8

 FBD8FF

 000E8D

 FFF4FF

 000073

 000059

 000741

 00032A

 000114

 836CFE

 836CFE

 6E53FE

 9885FE

 5839FE

 AE9FFE

 4320FE

 C3B8FE

 2D06FE

 D9D2FE

 2800FE

 EEEBFE

FFFFFFE

Harmonies

Analogous

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



008BFF



836CFE



DC3EC7

Triad

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



836CFE



D16400



00A188

Complementary

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



836CFE



E7FE6C

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.



009D3B



836CFE



998300

Square

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



836CFE



F6383A



4D9400



00A1D0

Rectangle

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



836CFE



F71998



4D9400



00A06F

Sweetspot

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



836CFE



DAD4FF



6CE8FE



6A6680



000000



808080

Same Dimension

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



836CFE



6B4FFF



CB6CFE



757380



1E00BF



0A0040

Inverse Universe

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



FE6CE7



FF4FE3



9FFE6C



80737D



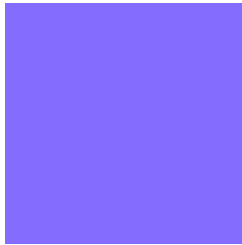
BF00A1



400036

Previews

White Background



This preview shows how the Hex color 836CFE looks on a white background.

Color Contrast Check

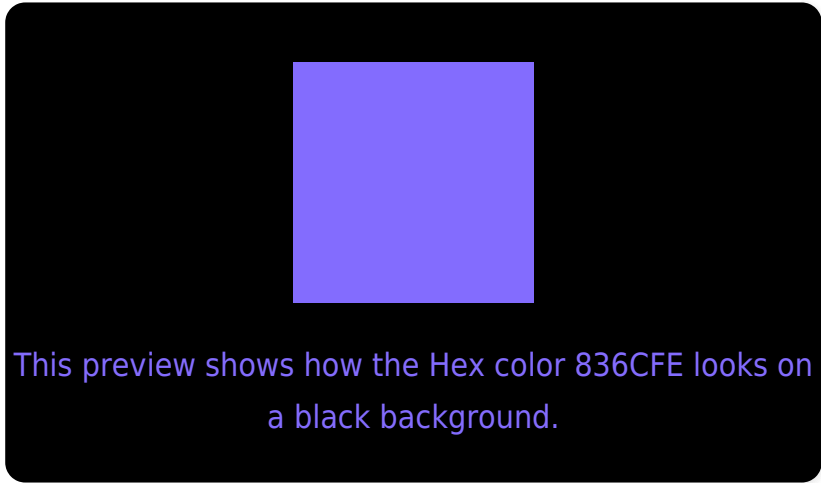
Large Text (above 18pt) WCAG AA ✓ Pass

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

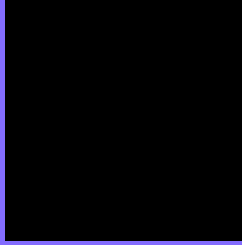
Any Text WCAG AA ✓ Pass

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 836CFE Background



This preview shows how black text looks on a background with the Hex color 836CFE.



This preview shows how white text looks on a background with the Hex color 836CFE.

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
648993

Trichromacy



Original Color
836CFE



Protanomaly
5077FF



Deuteranomaly
307CF1



Tritanomaly
6F7EBA

Monochromacy



Original Color
836CFE



Achromatopsia
848484



Achromatomaly
847BB0

CSS Examples

Text

The CSS property to change the color of the text to Hex 836CFE 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 #836CFE looks like.

```
.text, #text, p{  
    color:#836CFE  
}
```

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 #836CFE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #836CFE
}
```

Border

The CSS property to change the border of an element to Hex 836CFE is called "border". The border property can be set on classes, ids or directly on the HTML element.

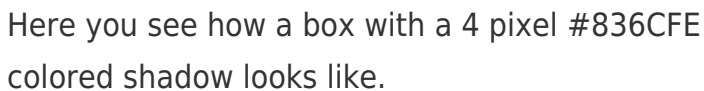
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#836CFE }
```

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

```
.border{ border-color:#836CFE }
```

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



Here you see how a box with a 4 pixel #836CFE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #836CFE; -webkit-box-shadow:4px 4px  
4px 4px #836CFE; box-shadow:4px 4px 4px  
4px #836CFE }
```

Background

The CSS property to change the background color of an element to Hex 836CFE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#836CFE }
```

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

```
.background{ background-color:#836CFE }
```

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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