

Converting Colors

Hex(8C37FB)

Have a look what the booklet for
Hex(8C37FB) contains.

Hex(8C37FB)	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>	28

Color

Hex(8C37FB)

Conversions

Conversions Part 1

Format	Color
Hex	8C37FB
RGB	140, 55, 251
RGB Percent	55%, 22%, 98%
CMY	0.4510, 0.7843, 0.0157
CMYK	0.44, 0.78, 0.00, 0.02
HSL	266°, 96%, 60%
HSV	266°, 78%, 98%
XYZ	29.5940, 15.2729, 92.6550
YIQ	102.7590, -12.2560, 78.9760

Conversions

Conversions Part 2

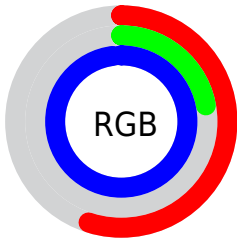
Format	Color
R_{YB}	140, 55, 251
Decimal	9189371
CIE _{Lab}	46.01, 71.62, -82.62
CIE _{LCh}	46, 109.343, 310.923
Yxy	15.2729, 0.2152, 0.1111
Android (android.graphics.Color)	4287379451 (0xFF8C37FB)
YUV	102.7590, 73.0828, 32.6604
Hunter-Lab	39.0805, 66.7795, -113.2128

Details

The Hex color **8C37FB** 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 **A6FB37**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **C96FFF**, and **4C00C1** is the 20% darker color. If you saturate the color by 10%, you get **7E1EFB**, and if you desaturate by 10%, it is **9A50FB**.

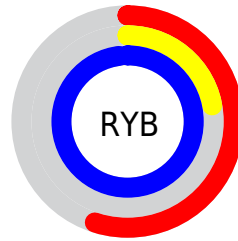
Distribution



Red (55%)

Green (22%)

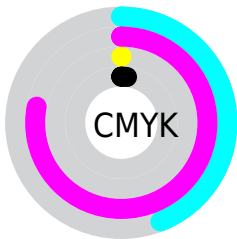
Blue (98%)



Red (55%)

Yellow (22%)

Blue (98%)

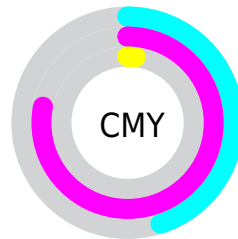


Cyan (44%)

Magenta (78%)

Yellow (0%)

Black (2%)



Cyan (45%)

Magenta (78%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8C37FB 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 8C37FB by changing the saturation by 10% instead.

 8C37FB

 8C37FB

FFFFFF

 6D15DE

 C96FFF

 4C00C1

 E88BFF

 2300A5

 FFA7FF

 00008A

 FFC4FF

 00006F

 FFE1FF

 000355

 00063D

 000326

 000110

8C37FB

8C37FB

7E1EFB

9A50FB

7005FB

A869FB

6D00FB

B782FB

C59BFB

D3B5FB

E1CEFB

F0E7FB

FEFFFB

FFFFFB

Harmonies

Analogous

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



0071FF



8C37FB



EA00AB

Triad

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



8C37FB



B35100



008D8E

Complementary

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



8C37FB



A6FB37

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.



008A29



8C37FB



677400

Square

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



8C37FB



E90000



008400



008EE6

Rectangle

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



8C37FB



FF006F



008400



008D6E

Sweetspot

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



8C37FB



DEC4FF



37A6FB



6B5C80



000000



808080

Same Dimension

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



8C37FB



770FFF



EE37FB



76707D



5200BD



1B003D

Inverse Universe

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



FB37A6



FF0F97



44FB37



7D7078



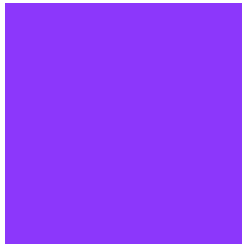
BD006B



3D0023

Previews

White Background



This preview shows how the Hex color 8C37FB looks on a white background.

Color Contrast Check

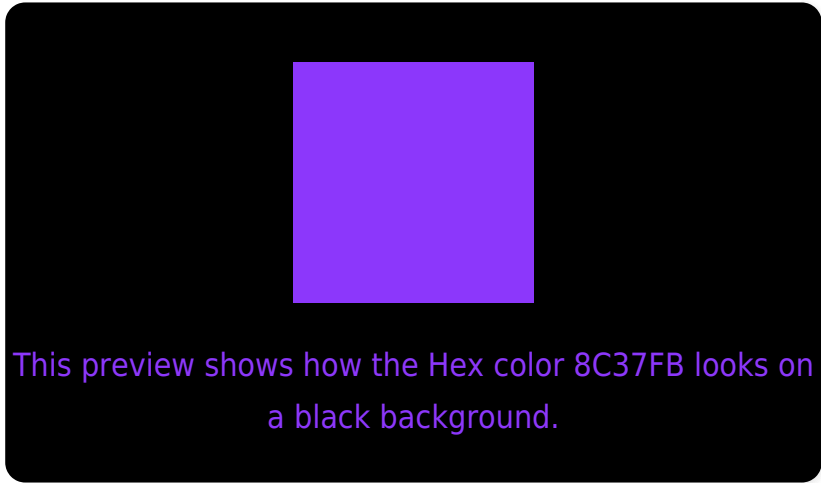
Large Text (above 18pt) WCAG AA ✓ Pass

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

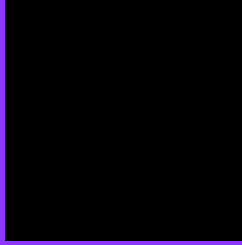
Any Text WCAG AA × Fail

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 8C37FB Background



This preview shows how black text looks on a background with the Hex color 8C37FB.

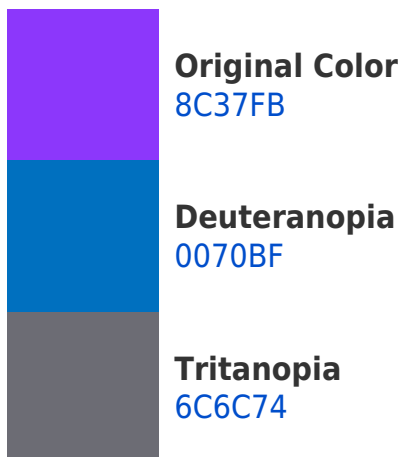


This preview shows how white text looks on a background with the Hex color 8C37FB.

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
8C37FB



Deuteranomaly
335BD5



Tritanomaly
7859A5

Monochromacy



Original Color
8C37FB



Achromatopsia
676767



Achromatomaly
74569D

CSS Examples

Text

The CSS property to change the color of the text to Hex 8C37FB 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 #8C37FB looks like.

```
.text, #text, p{  
    color:#8C37FB  
}
```

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 #8C37FB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C37FB  
}
```

Border

The CSS property to change the border of an element to Hex 8C37FB is called "border". The border property can be set on classes, ids or directly on the HTML element.

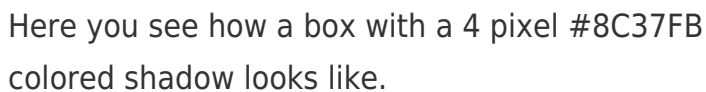
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#8C37FB }
```

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

```
.border{ border-color:#8C37FB }
```

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



Here you see how a box with a 4 pixel #8C37FB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8C37FB; -webkit-box-shadow:4px 4px  
4px 4px #8C37FB; box-shadow:4px 4px 4px  
4px #8C37FB }
```

Background

The CSS property to change the background color of an element to Hex 8C37FB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8C37FB }
```

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

```
.background{ background-color:#8C37FB }
```

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