

Converting Colors

Hex(8A33FF)

Have a look what the booklet for
Hex(8A33FF) contains.

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Color

Hex(8A33FF)

Conversions

Conversions Part 1

Format	Color
Hex	8A33FF
RGB	138, 51, 255
RGB Percent	54%, 20%, 100%
CMY	0.4588, 0.8000, 0.0000
CMYK	0.46, 0.80, 0.00, 0.00
HSL	266°, 100%, 60%
HSV	266°, 80%, 100%
XYZ	29.7151, 14.9909, 95.9351
YIQ	100.2690, -13.6320, 81.8880

Conversions

Conversions Part 2

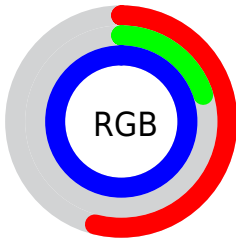
Format	Color
R _Y B	138, 51, 255
Decimal	9057279
CIE Lab	45.62, 73.74, -85.49
CIE LCh	46, 112.900, 310.779
Yxy	14.9909, 0.2113, 0.1066
Android (android.graphics.Color)	4287247359 (0xFF8A33FF)
YUV	100.2690, 76.2824, 33.0901
Hunter-Lab	38.7181, 69.2370, -119.8051

Details

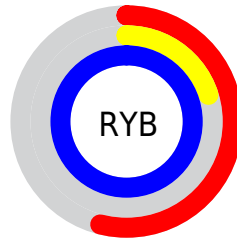
The Hex color **8A33FF** is a dark color, and the websafe version is hex **9933FF**. The color can be described as middle washed purple. A complement of this color would be **A8FF33**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **C86CFF**, and **4800C5** is the 20% darker color. If you saturate the color by 10%, you get **7B19FF**, and if you desaturate by 10%, it is **994DFF**.

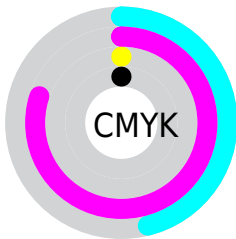
Distribution



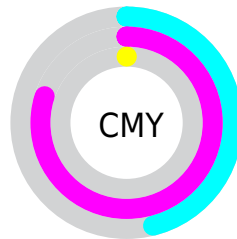
- Red (54%)
- Green (20%)
- Blue (100%)



- Red (54%)
- Yellow (20%)
- Blue (100%)



- Cyan (46%)
- Magenta (80%)
- Yellow (0%)
- Black (0%)



- Cyan (46%)
- Magenta (80%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8A33FF 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 8A33FF by changing the saturation by 10% instead.

 8A33FF

 8A33FF

FFFFFF

 6A0CE2

 C86CFF

 4800C5

 E788FF

 1B00A9

 FFA5FF

 00008D

 FFC1FF

 000073

 FFDEFF

 000459

 FFFCFF

 000740

 000329

 000113

 8A33FF

 8A33FF

 7B19FF

 994DFF

 6D00FF

 A766FF

 B680FF

 C599FF

 D3B3FF

 E2CCFF

 F0E6FF

FFFFFF

Harmonies

Analogous

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



0071FF



8A33FF



EC00AD

Triad

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



8A33FF



B34E00



008D8D

Complementary

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



8A33FF



A8FF33

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.



008A25



8A33FF



657400

Square

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



8A33FF



EB0000



008400



008EE8

Rectangle

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



8A33FF



FF006F



008400



008C6C

Sweetspot

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



8A33FF



DCC2FF



33AAFF



6A5B80



000000



808080

Same Dimension

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



8A33FF



730AFF



EE33FF



787380



5200BF



1B0040

Inverse Universe

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



FF33A8



FF0A97



44FF33



80737A



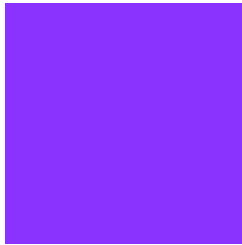
BF006E



400025

Previews

White Background



This preview shows how the Hex color 8A33FF looks on a white background.

Color Contrast Check

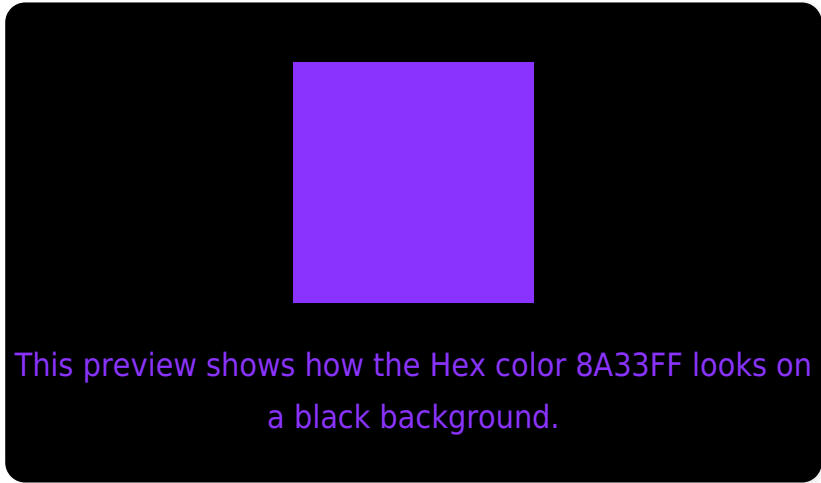
Large Text (above 18pt) WCAG AA ✓ Pass

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

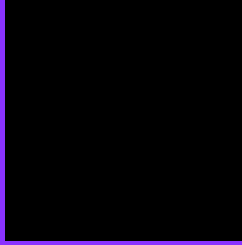
Any Text WCAG AA × Fail

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 8A33FF Background



This preview shows how black text looks on a background with the Hex color 8A33FF.

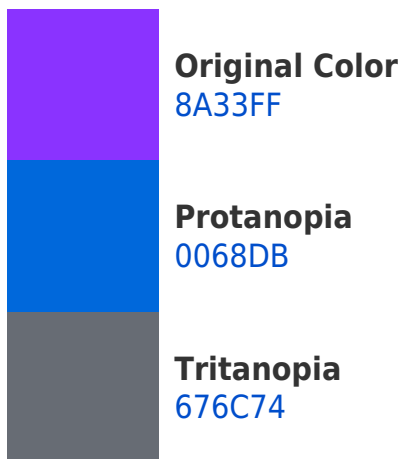


This preview shows how white text looks on a background with the Hex color 8A33FF.

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
8A33FF



Protanomaly
3255E8

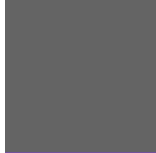


Tritanomaly
7457A7

Monochromacy



Original Color
8A33FF



Achromatopsia
646464



Achromatomaly
72529C

CSS Examples

Text

The CSS property to change the color of the text to Hex 8A33FF 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 #8A33FF looks like.

```
.text, #text, p{  
    color:#8A33FF  
}
```

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 #8A33FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A33FF
}
```

Border

The CSS property to change the border of an element to Hex 8A33FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

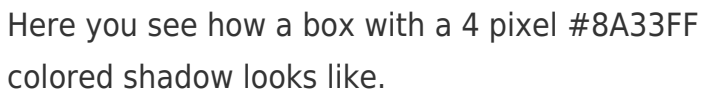
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8A33FF }
```

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

```
.border{ border-color:#8A33FF }
```

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



Here you see how a box with a 4 pixel #8A33FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A33FF; -webkit-box-shadow:4px 4px  
4px 4px #8A33FF; box-shadow:4px 4px 4px  
4px #8A33FF }
```

Background

The CSS property to change the background color of an element to Hex 8A33FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A33FF }
```

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

```
.background{ background-color:#8A33FF }
```

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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