

Converting Colors

Hex(A833FF)

Have a look what the booklet for
Hex(A833FF) contains.

Hex(A833FF)	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(A833FF)

Conversions

Conversions Part 1

Format	Color
Hex	A833FF
RGB	168, 51, 255
RGB Percent	66%, 20%, 100%
CMY	0.3412, 0.8000, 0.0000
CMYK	0.34, 0.80, 0.00, 0.00
HSL	274°, 100%, 60%
HSV	274°, 80%, 100%
XYZ	35.3823, 17.9125, 96.2003
YIQ	109.2390, 4.2480, 88.2480

Conversions

Conversions Part 2

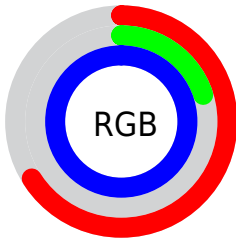
Format	Color
R _Y B	168, 51, 255
Decimal	11023359
CIE Lab	49.39, 77.83, -79.17
CIE LCh	49, 111.020, 314.511
Yxy	17.9125, 0.2367, 0.1198
Android (android.graphics.Color)	4289213439 (0xFFA833FF)
YUV	109.2390, 71.8602, 51.5334
Hunter-Lab	42.3231, 75.1610, -105.1397

Details

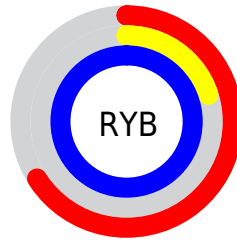
The Hex color **A833FF** is a light color, and the websafe version is hex **9933FF**. The color can be described as light washed purple. A complement of this color would be **8AFF33**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **E570FF**, and **6B00C5** is the 20% darker color. If you saturate the color by 10%, you get **9D19FF**, and if you desaturate by 10%, it is **B34DFF**.

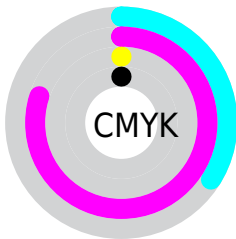
Distribution



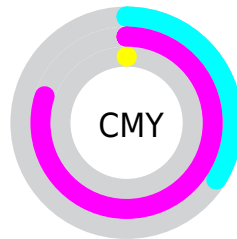
- Red (66%)
- Green (20%)
- Blue (100%)



- Red (66%)
- Yellow (20%)
- Blue (100%)



- Cyan (34%)
- Magenta (80%)
- Yellow (0%)
- Black (0%)



- Cyan (34%)
- Magenta (80%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color A833FF 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 A833FF by changing the saturation by 10% instead.

 A833FF

 A833FF

FFFFFF

 8A02E2

 E570FF

 6B00C5

 FF8CFF

 4B00A9

 FFA9FF

 26008D

 FFC6FF

 000073

 FFE4FF

 000059

 000740

 000329

 000114

 A833FF

 A833FF

 9D19FF

 B34DFF

 9200FF

 BE66FF

 C980FF

 D399FF

 DEB3FF

 E9CCFF

 F4E6FF

FFFFFF

Harmonies

Analogous

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



0075FF



A833FF



FC00AA

Triad

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



A833FF



B65F00



0098A3

Complementary

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



A833FF



8AFF33

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.



00953E



A833FF



648000

Square

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



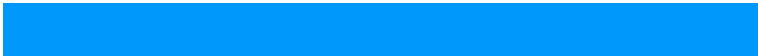
A833FF



F10000



008F00



0098FB

Rectangle

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



A833FF



FF006C



008F00



009782

Sweetspot

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



A833FF



E5C2FF



338BFF



705B80



000000



808080

Same Dimension

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



A833FF



970AFF



FF33F1



7A7380



6E00BF



250040

Inverse Universe

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



FF338A



FF0A73



33FF41



807378



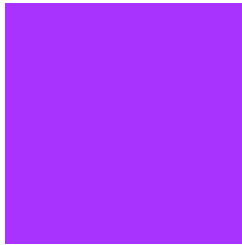
BF0052



40001B

Previews

White Background



This preview shows how the Hex color A833FF 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

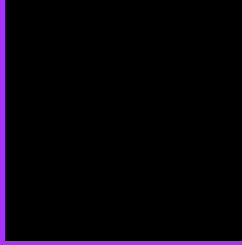
Any Text WCAG AA ✓ Pass

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 A833FF Background



This preview shows how black text looks on a background with the Hex color A833FF.



This preview shows how white text looks on a background with the Hex color A833FF.

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
A833FF



Deuteranomaly
3D5FE0

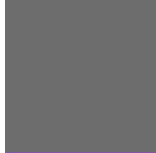


Tritanomaly
9757A7

Monochromacy



Original Color
A833FF



Achromatopsia
6D6D6D



Achromatomaly
8258A2

CSS Examples

Text

The CSS property to change the color of the text to Hex A833FF 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 #A833FF looks like.

```
.text, #text, p{  
    color:#A833FF  
}
```

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 #A833FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A833FF
}
```

Border

The CSS property to change the border of an element to Hex A833FF 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".

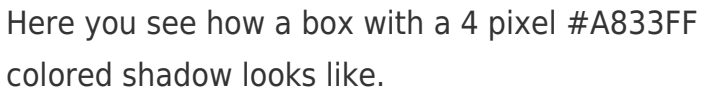
```
.border, #border, table{ border:4px solid
#A833FF }
```

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

```
.border{ border-color:#A833FF }
```

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

Here you see how a box with a 4 pixel #A833FF colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A833FF; -webkit-box-shadow:4px 4px  
4px 4px #A833FF; box-shadow:4px 4px 4px  
4px #A833FF }
```

Background

The CSS property to change the background color of an element to Hex A833FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A833FF }
```

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

```
.background{ background-color:#A833FF }
```

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