

# Converting Colors

Hex(A873FF)

Have a look what the booklet for  
Hex(A873FF) contains.

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# Color

Hex(A873FF)

# Conversions

## Conversions Part 1

Format	Color
Hex	A873FF
RGB	168, 115, 255
RGB Percent	66%, 45%, 100%
CMY	0.3412, 0.5490, 0.0000
CMYK	0.34, 0.55, 0.00, 0.00
HSL	263°, 100%, 73%
HSV	263°, 55%, 100%
XYZ	40.3292, 27.8063, 97.8493
YIQ	146.8070, -13.3520, 54.7760

# Conversions

## Conversions Part 2

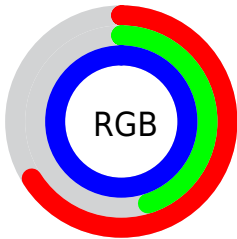
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	168, 115, 255
Decimal	11039743
CIE Lab	59.71, 49.37, -62.46
CIE LCh	60, 79.617, 308.322
Yxy	27.8063, 0.2430, 0.1675
Android (android.graphics.Color)	4289229823 (0xFFA873FF)
YUV	146.8070, 53.3391, 18.5863
Hunter-Lab	52.7317, 44.2363, -73.1068

# Details

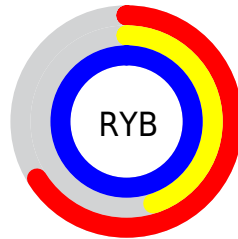
The Hex color **A873FF** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **CAFF73**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **E3A8FF**, and **6E40C5** is the 20% darker color. If you saturate the color by 10%, you get **985AFF**, and if you desaturate by 10%, it is **B88DFF**.

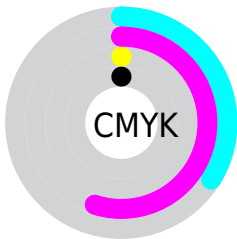
# Distribution



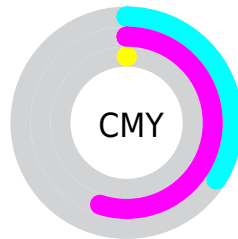
- Red (66%)
- Green (45%)
- Blue (100%)



- Red (66%)
- Yellow (45%)
- Blue (100%)



- Cyan (34%)
- Magenta (55%)
- Yellow (0%)
- Black (0%)



- Cyan (34%)
- Magenta (55%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A873FF 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 A873FF by changing the saturation by 10% instead.



 A873FF

 A873FF


FFFFFF

 8B59E2

 E3A8FF

 6E40C5

 FFC4FF

 5127AA

 FFE1FF

 330C8E

FFFEFF

 060074

 00005B

 000342

 00032B

 000115

 A873FF

 A873FF

 985AFF

 B88DFF

 8840FF

 C8A6FF

 7826FF

 D8C0FF

 690DFF

 E7D9FF

 6100FF

 F7F3FF

FFFFFF

# Harmonies

## Analogous

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



0092FF



A873FF



F14CC5

# Triad

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



A873FF



D67900



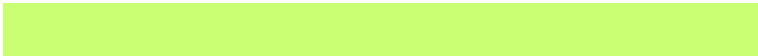
00AFA2

# Complementary

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



A873FF



CAFF73

# 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.



00AB59



A873FF



9C9300

# Square

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



A873FF



FD553C



4DA300



00ADE6

# Rectangle

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



A873FF



FF3A97



4DA300



00AE8A



# Sweetspot

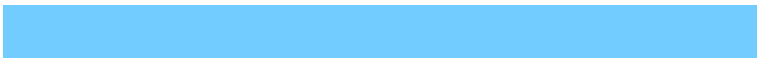
The Sweet Spot groups the original color and five complimentary colors.



A873FF



E6D6FF



73CCFF



706780



000000



808080



# Same Dimension

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



A873FF



9657FF



EC73FF



787380



4800BF



180040



# Inverse Universe

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



FF73CA



FF57BF



86FF73



80737B



BF0077

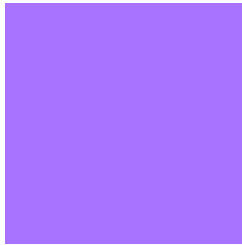


400028



# Previews

## White Background



This preview shows how the Hex color A873FF 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

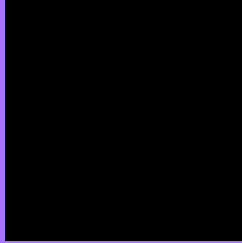
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex A873FF Background



This preview shows how black text looks on a background with the Hex color A873FF.

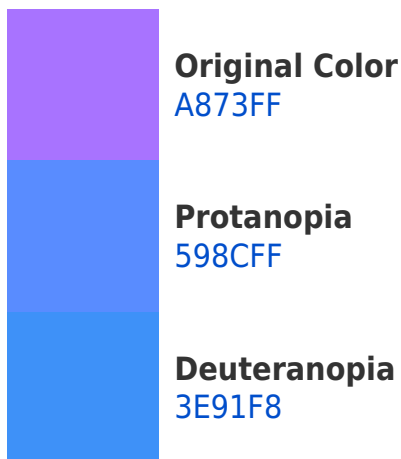


This preview shows how white text looks on a background with the Hex color A873FF.

# 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](#).

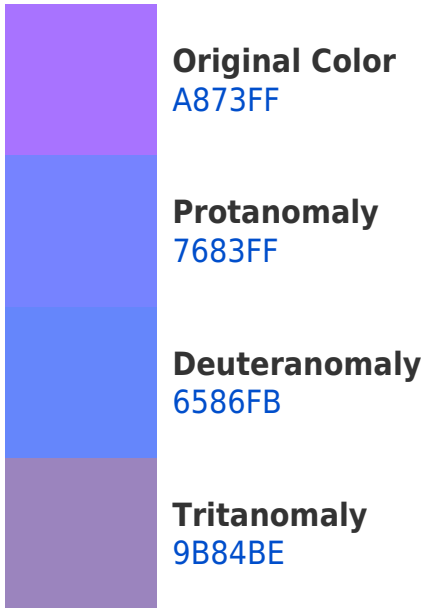
## Dichromacy



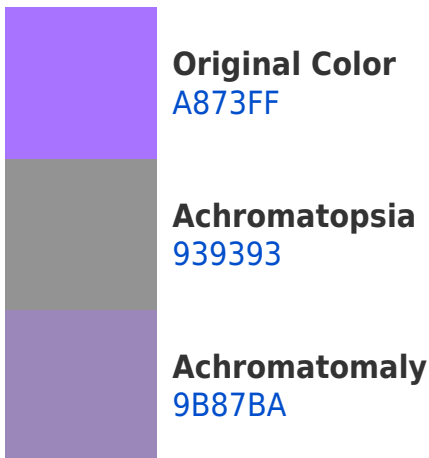


**Tritanopia**  
938D99

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A873FF 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 #A873FF looks like.

```
.text, #text, p{  
    color:#A873FF  
}
```

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 #A873FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A873FF
}
```

## Border

The CSS property to change the border of an element to Hex A873FF 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
#A873FF }
```

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

```
.border{ border-color:#A873FF }
```

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

Here you see how a box with a 4 pixel #A873FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A873FF; -webkit-box-shadow:4px 4px  
4px 4px #A873FF; box-shadow:4px 4px 4px  
4px #A873FF }
```

# Background

The CSS property to change the background color of an element to Hex A873FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A873FF }
```

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

```
.background{ background-color:#A873FF }
```

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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