

# Converting Colors

Hex(A886FF)

Have a look what the booklet for  
Hex(A886FF) contains.

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# Color

**Hex(A886FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A886FF
RGB	168, 134, 255
RGB Percent	66%, 53%, 100%
CMY	0.3412, 0.4745, 0.0000
CMYK	0.34, 0.47, 0.00, 0.00
HSL	257°, 100%, 76%
HSV	257°, 47%, 100%
XYZ	42.7235, 32.5950, 98.6474
YIQ	157.9600, -18.5770, 44.8390

# Conversions

## Conversions Part 2

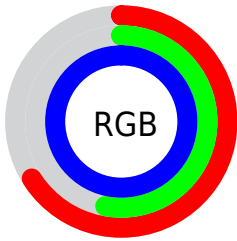
Format	Color
<a href="#">RYB</a>	<a href="#">168, 134, 255</a>
Decimal	<a href="#">11044607</a>
CIELab	<a href="#">63.83, 38.91, -55.88</a>
CIElCh	<a href="#">64, 68.097, 304.848</a>
Yxy	<a href="#">32.5950, 0.2456, 0.1874</a>
Android (android.graphics.Color)	<a href="#">4289234687</a> (0xFFA886FF)
YUV	<a href="#">157.9600, 47.8407, 8.8051</a>
Hunter-Lab	<a href="#">57.0921, 33.6653, -62.4808</a>

# Details

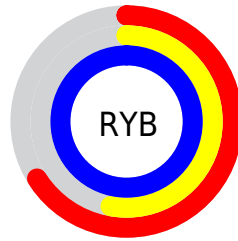
The Hex color **A886FF** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **DDFF86**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **E2BCFF**, and **6F53C6** is the 20% darker color. If you saturate the color by 10%, you get **966DFF**, and if you desaturate by 10%, it is **BAA0FF**.

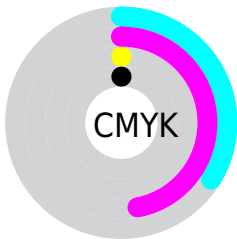
# Distribution



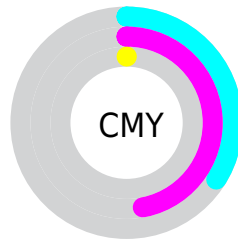
- Red (66%)
- Green (53%)
- Blue (100%)



- Red (66%)
- Yellow (53%)
- Blue (100%)



- Cyan (34%)
- Magenta (47%)
- Yellow (0%)
- Black (0%)



- Cyan (34%)
- Magenta (47%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A886FF 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 A886FF by changing the saturation by 10% instead.



 A886FF

 A886FF

FFFFFF

 8C6CE2

 E2BCFF

 6F53C6

 FFD8FF

 533CAA

 FFF4FF

 36248F

 110E75

 00005B

 000043

 00032C

 000116

 A886FF

 A886FF

 966DFF

 BAA0FF

 8353FF

 CDB9FF

 713AFF

 DFD3FF

 5F20FF

 F1ECFF

 4C07FF

FFFFFF

 4800FF

# Harmonies

## Analogous

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



009FFF



A886FF



EB6ACF

# Triad

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



A886FF



E08425



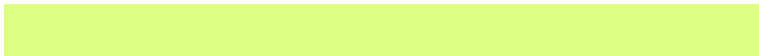
00B7A3

# Complementary

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



A886FF



DDF886

# 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.



00B364



A886FF



AF9B00

# Square

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



A886FF



FF6A59



70AB2B



00B6DF

# Rectangle

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



A886FF



FF5FA8



70AB2B



00B68E



# Sweetspot

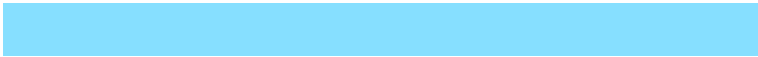
The Sweet Spot groups the original color and five complimentary colors.



A886FF



E5DBFF



86DFFF



706A80



000000



808080



# Same Dimension

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



A886FF



966EFF



E386FF



767380



3600BF



120040



# Inverse Universe

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



FF86DD



FF6ED6



A2FF86



80737C



BF008A

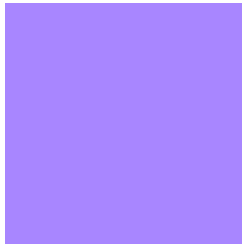


40002E



# Previews

## White Background



This preview shows how the Hex color A886FF looks on a white background.

## Color Contrast Check

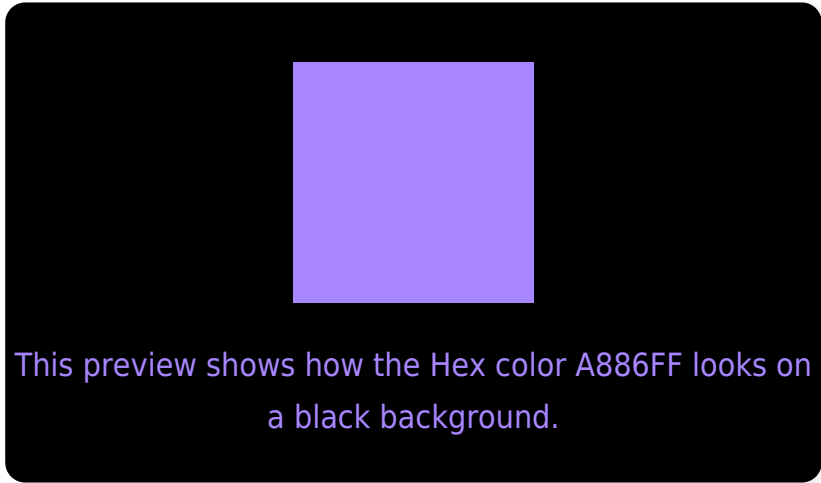
Large Text (above 18pt) WCAG AA × Fail

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

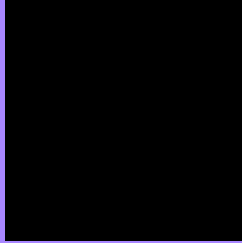
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A886FF Background



This preview shows how black text looks on a background with the Hex color A886FF.

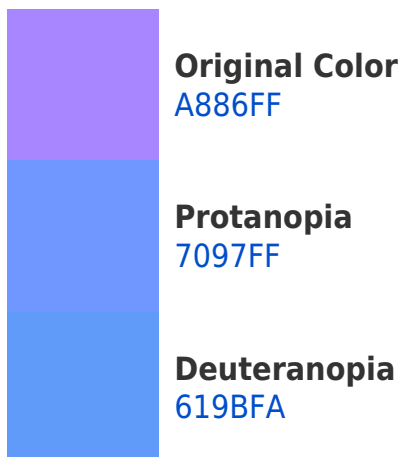


This preview shows how white text looks on a background with the Hex color A886FF.

# 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](#).

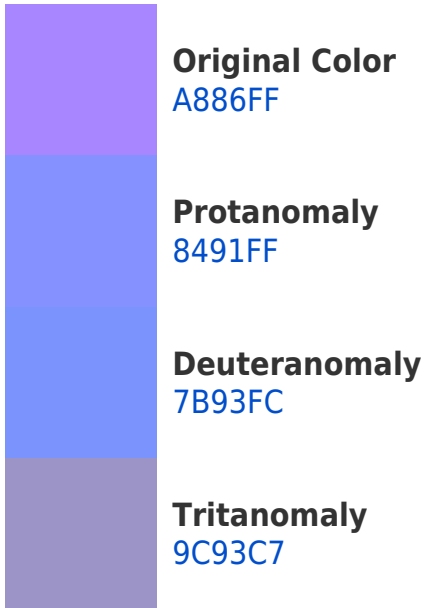
## Dichromacy



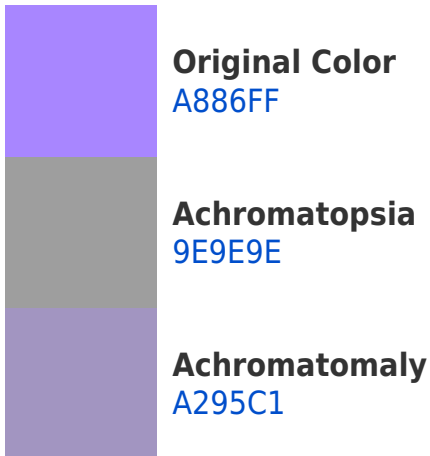


**Tritanopia**  
959BA7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A886FF 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 #A886FF looks like.

```
.text, #text, p{  
    color:#A886FF  
}
```

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 #A886FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A886FF
}
```

## Border

The CSS property to change the border of an element to Hex A886FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

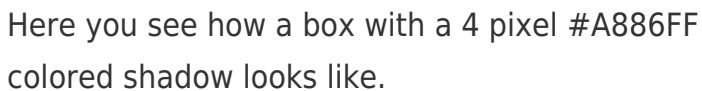
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A886FF }
```

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

```
.border{ border-color:#A886FF }
```

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



Here you see how a box with a 4 pixel `#A886FF` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A886FF; -webkit-box-shadow:4px 4px  
4px 4px #A886FF; box-shadow:4px 4px 4px  
4px #A886FF }
```

# Background

The CSS property to change the background color of an element to Hex A886FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A886FF }
```

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

```
.background{ background-color:#A886FF }
```

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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