

# Converting Colors

Hex(AA8FFB)

Have a look what the booklet for  
Hex(AA8FFB) contains.

<b>Hex(AA8FFB)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(AA8FFB)

# Conversions

## Conversions Part 1

Format	Color
Hex	AA8FFB
RGB	170, 143, 251
RGB Percent	67%, 56%, 98%
CMY	0.3333, 0.4392, 0.0157
CMYK	0.32, 0.43, 0.00, 0.02
HSL	255°, 93%, 77%
HSV	255°, 43%, 98%
XYZ	43.8126, 35.1560, 95.7434
YIQ	163.3850, -18.5760, 39.3120

# Conversions

## Conversions Part 2

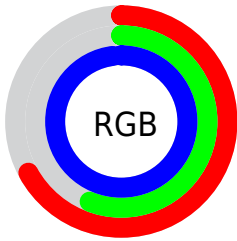
Format	Color
R <sub>Y</sub> B	170, 143, 251
Decimal	11177979
CIE Lab	65.87, 33.35, -50.45
CIE LCh	66, 60.480, 303.467
Yxy	35.1560, 0.2508, 0.2012
Android (android.graphics.Color)	4289368059 (0xFFAA8FFB)
YUV	163.3850, 43.1942, 5.8014
Hunter-Lab	59.2925, 28.1359, -54.2346

# Details

The Hex color **AA8FFB** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **E0FB8F**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **E4C5FF**, and **725CC2** is the 20% darker color. If you saturate the color by 10%, you get **9776FB**, and if you desaturate by 10%, it is **BDA8FB**.

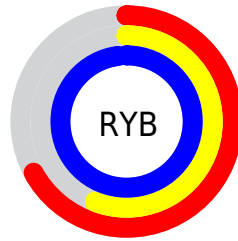
# Distribution



Red (67%)

Green (56%)

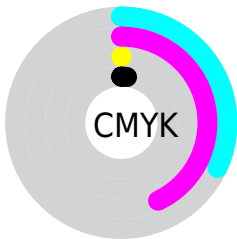
Blue (98%)



Red (67%)

Yellow (56%)

Blue (98%)

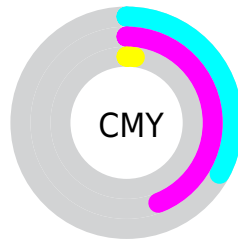


Cyan (32%)

Magenta (43%)

Yellow (0%)

Black (2%)



Cyan (33%)

Magenta (44%)

Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AA8FFB 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 AA8FFB by changing the saturation by 10% instead.



 AA8FFB

 AA8FFB

FFFFFF

 8E75DE

 E4C5FF

 725CC2

 FFE1FF

 5744A6

FFFEFF

 3B2D8B

 1B1871

 000258

 000040

 000329

 000113

■ AA8FFB

■ AA8FFB

■ 9776FB

■ BDA8FB

■ 845DFB

■ D0C1FB

■ 7244FB

■ E2DAFB

■ 5F2BFB

■ F5F3FB

■ 4C11FB

■ FFFFFB

■ 3F00FB

# Harmonies

## Analogous

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



28A4FF



AA8FFB



E779D2

# Triad

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



AA8FFB



E38B3D



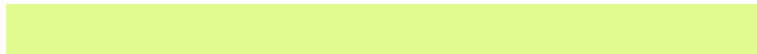
00BAA5

# Complementary

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



AA8FFB



E0FB8F

# 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.



22B76D



AA8FFB



B79F29

# Square

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



AA8FFB



FE7767



7FAE3F



00B9DA

# Rectangle

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



AA8FFB



FC6FAE



7FAE3F



00BA92



# Sweetspot

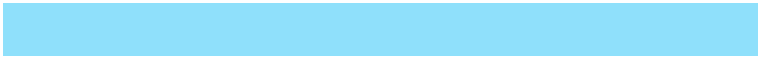
The Sweet Spot groups the original color and five complimentary colors.



AA8FFB



E6DEFF



8FE0FB



706B80



000000



808080



# Same Dimension

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



AA8FFB



9C7AFF



E08FFB



74707D



2F00BD



0F003D



# Inverse Universe

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



FB8FE0



FF7ADE



AAFB8F



7D707A



BD008E

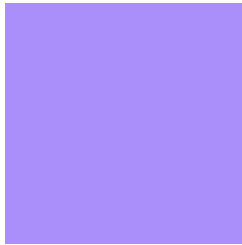


3D002E



# Previews

## White Background



This preview shows how the Hex color AA8FFB looks on a white background.

## Color Contrast Check

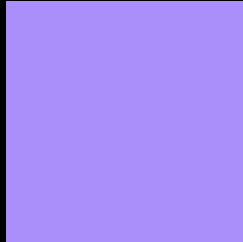
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color AA8FFB looks on a 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 AA8FFB Background



This preview shows how black text looks on a background with the Hex color AA8FFB.

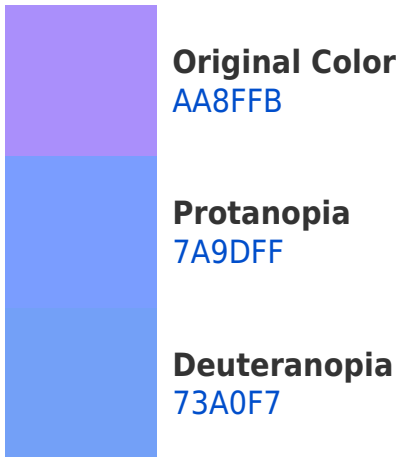


This preview shows how white text looks on a background with the Hex color AA8FFB.

# 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](#).

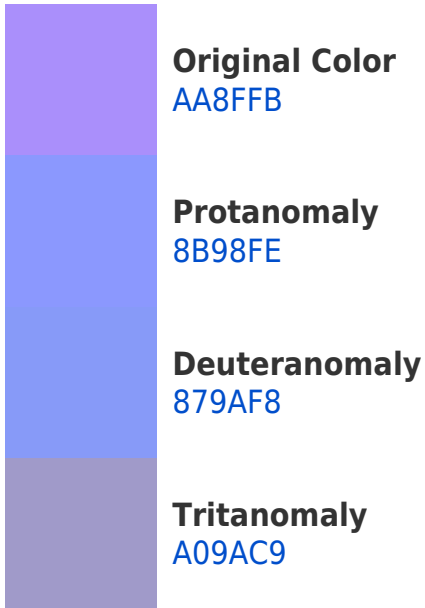
## Dichromacy



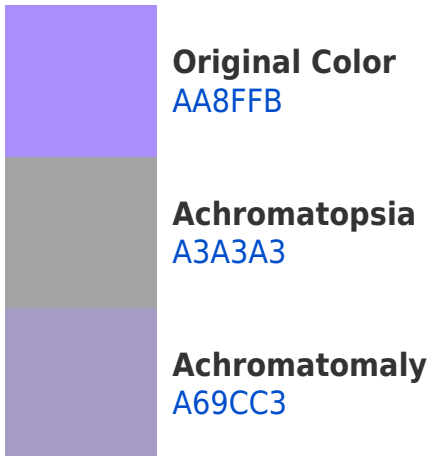


**Tritanopia**  
9AA0AD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AA8FFB 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 #AA8FFB looks like.

```
.text, #text, p{  
    color:#AA8FFB  
}
```

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 #AA8FFB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA8FFB
}
```

## Border

The CSS property to change the border of an element to Hex AA8FFB is called "border". The border property can be set on classes, ids or directly on the HTML element.

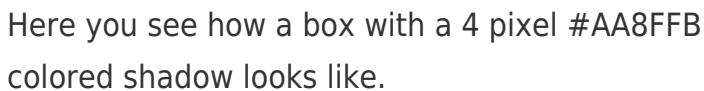
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AA8FFB }
```

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

```
.border{ border-color:#AA8FFB }
```

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



Here you see how a box with a 4 pixel #AA8FFB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA8FFB; -webkit-box-shadow:4px 4px  
4px 4px #AA8FFB; box-shadow:4px 4px 4px  
4px #AA8FFB }
```

# Background

The CSS property to change the background color of an element to Hex AA8FFB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA8FFB }
```

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

```
.background{ background-color:#AA8FFB }
```

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