

# Converting Colors

Hex(AF7BFF)

Have a look what the booklet for  
Hex(AF7BFF) contains.

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# Color

Hex(AF7BFF)

# Conversions

## Conversions Part 1

Format	Color
Hex	AF7BFF
RGB	175, 123, 255
RGB Percent	69%, 48%, 100%
CMY	0.3137, 0.5176, 0.0000
CMYK	0.31, 0.52, 0.00, 0.00
HSL	264°, 100%, 74%
HSV	264°, 52%, 100%
XYZ	42.8122, 30.4999, 98.2384
YIQ	153.5960, -11.3800, 52.0760

# Conversions

## Conversions Part 2

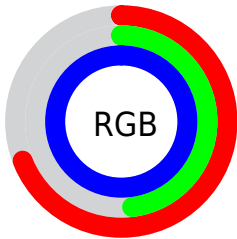
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">175, 123, 255</a>
Decimal	<a href="#">11500543</a>
CIELab	<a href="#">62.08, 46.71, -58.63</a>
CIELCh	<a href="#">62, 74.964, 308.544</a>
Yxy	<a href="#">30.4999, 0.2496, 0.1778</a>
Android (android.graphics.Color)	<a href="#">4289690623 (0xFFAF7BFF)</a>
YUV	<a href="#">153.5960, 49.9922, 18.7713</a>
Hunter-Lab	<a href="#">55.2267, 41.7278, -66.8076</a>

# Details

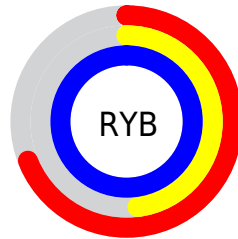
The Hex color **AF7BFF** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **CBFF7B**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **EAB1FF**, and **7648C5** is the 20% darker color. If you saturate the color by 10%, you get **A062FF**, and if you desaturate by 10%, it is **BE95FF**.

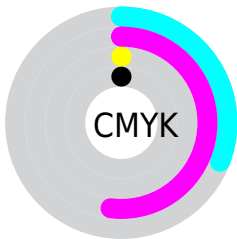
# Distribution



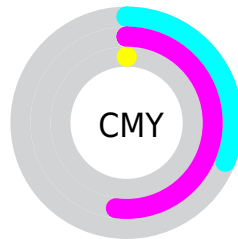
- Red (69%)
- Green (48%)
- Blue (100%)



- Red (69%)
- Yellow (48%)
- Blue (100%)



- Cyan (31%)
- Magenta (52%)
- Yellow (0%)
- Black (0%)



- Cyan (31%)
- Magenta (52%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AF7BFF 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 AF7BFF by changing the saturation by 10% instead.



 AF7BFF

 AF7BFF

FFFFFF

 9261E2

 EAB1FF

 7648C5

 FFCDFE

 5A2FAA

 FFE9FF

 3D168F

 1B0074

 00005B

 000042

 00032B

 000116

 AF7BFF

 AF7BFF

 A062FF

 BE95FF

 9048FF

 CEAEFF

 812FFF

 DDC8FF

 7115FF

 EDE1FF

 6400FF

 FCFBFF

 FFFFFFFF

# Harmonies

## Analogous

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



0098FF



AF7BFF



F35AC8

# Triad

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



AF7BFF



DA8100



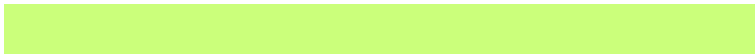
00B4A8

# Complementary

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



AF7BFF



CBFF7B

# 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.



00B162



AF7BFF



A39900

# Square

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



AF7BFF



FF6246



5AA91B



00B2E8

# Rectangle

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



AF7BFF



FF4C9C



5AA91B



00B391



# Sweetspot

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



AF7BFF



E6D6FF



7BCCFF



716780



000000



808080



# Same Dimension

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



AF7BFF



9F61FF



F07BFF



787380



4B00BF



190040



# Inverse Universe

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



FF7BCB



FF61C1



8AFF7B



80737A



BF0074

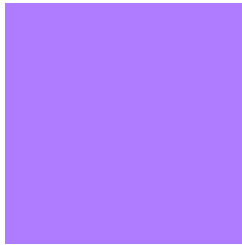


400027



# Previews

## White Background



This preview shows how the Hex color AF7BFF looks on a white background.

## Color Contrast Check

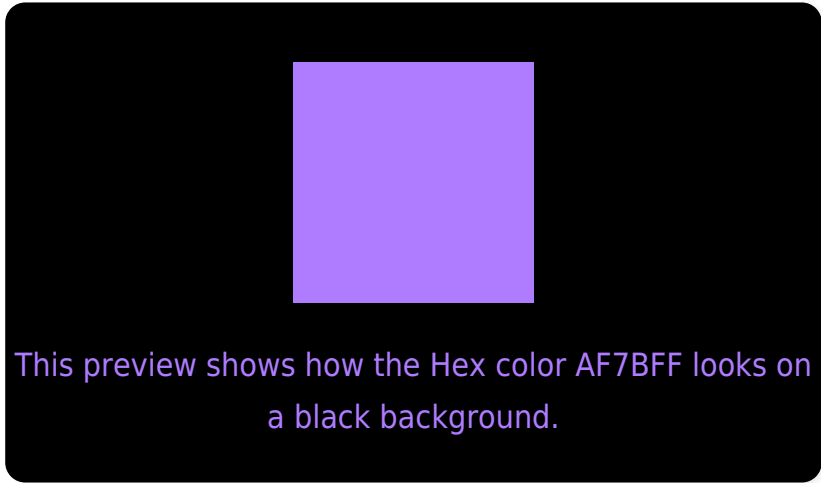
Large Text (above 18pt) WCAG AA × Fail

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

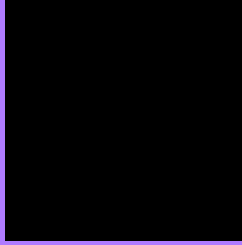
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex AF7BFF Background



This preview shows how black text looks on a background with the Hex color AF7BFF.

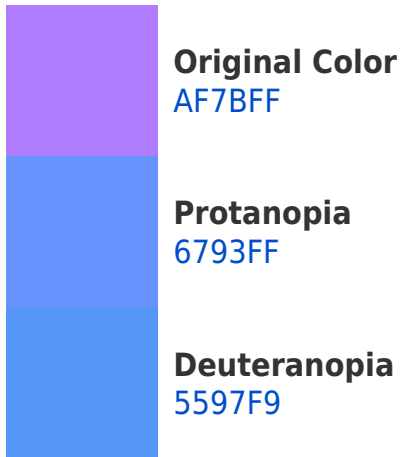


This preview shows how white text looks on a background with the Hex color AF7BFF.

# 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](#).

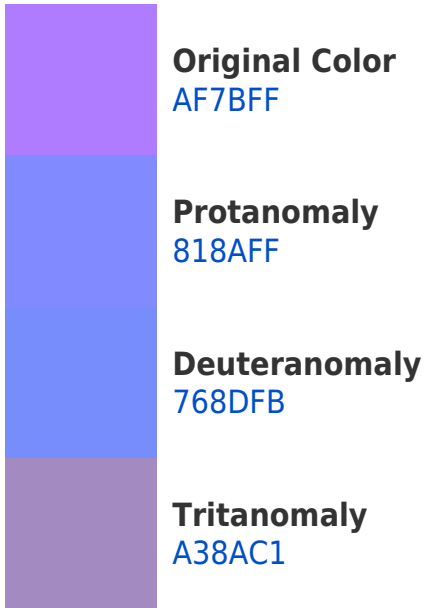
## Dichromacy



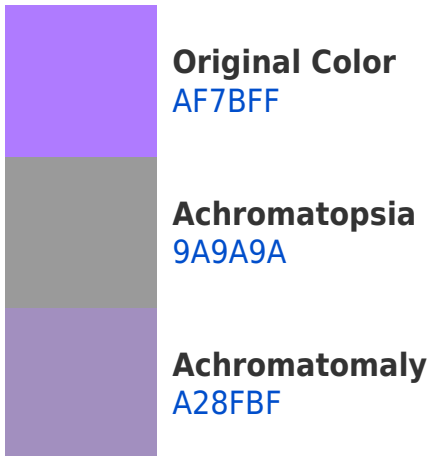


**Tritanopia**  
9C939E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AF7BFF 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 #AF7BFF looks like.

```
.text, #text, p{  
    color:#AF7BFF  
}
```

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 #AF7BFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AF7BFF
}
```

## Border

The CSS property to change the border of an element to Hex AF7BFF 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
#AF7BFF }
```

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

```
.border{ border-color:#AF7BFF }
```

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

Here you see how a box with a 4 pixel #AF7BFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AF7BFF; -webkit-box-shadow:4px 4px  
4px 4px #AF7BFF; box-shadow:4px 4px 4px  
4px #AF7BFF }
```

# Background

The CSS property to change the background color of an element to Hex AF7BFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AF7BFF }
```

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

```
.background{ background-color:#AF7BFF }
```

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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