

# Converting Colors

Hex(A67BFF)

Have a look what the booklet for  
Hex(A67BFF) contains.

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**Color**

**Hex(A67BFF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A67BFF
RGB	166, 123, 255
RGB Percent	65%, 48%, 100%
CMY	0.3490, 0.5176, 0.0000
CMYK	0.35, 0.52, 0.00, 0.00
HSL	260°, 100%, 74%
HSV	260°, 52%, 100%
XYZ	40.8588, 29.4929, 98.1469
YIQ	150.9050, -16.7440, 50.1680

# Conversions

## Conversions Part 2

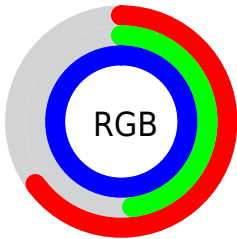
Format	Color
<a href="#">RYB</a>	<a href="#">166, 123, 255</a>
Decimal	<a href="#">10910719</a>
CIELab	<a href="#">61.21, 44.54, -60.07</a>
CIElCh	<a href="#">61, 74.779, 306.554</a>
Yxy	<a href="#">29.4929, 0.2425, 0.1750</a>
Android (android.graphics.Color)	<a href="#">4289100799 (0xFFA67BFF)</a>
YUV	<a href="#">150.9050, 51.3188, 13.2383</a>
Hunter-Lab	<a href="#">54.3074, 39.2588, -69.1366</a>

# Details

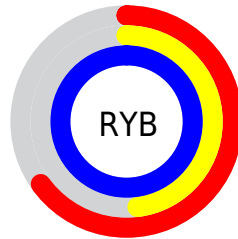
The Hex color **A67BFF** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **D4FF7B**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **E0B0FF**, and **6D49C5** is the 20% darker color. If you saturate the color by 10%, you get **9562FF**, and if you desaturate by 10%, it is **B795FF**.

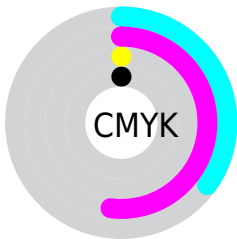
# Distribution



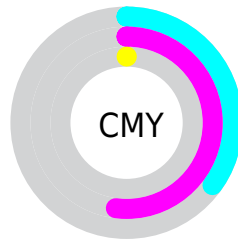
- Red (65%)
- Green (48%)
- Blue (100%)



- Red (65%)
- Yellow (48%)
- Blue (100%)



- Cyan (35%)
- Magenta (52%)
- Yellow (0%)
- Black (0%)



- Cyan (35%)
- Magenta (52%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A67BFF 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 A67BFF by changing the saturation by 10% instead.



 A67BFF

 A67BFF

FFFFFF

 8961E2

 E0B0FF

 6D49C5

 FECCFF

 5030AA

 FFE9FF

 31188F

 050074

 00005B

 000242

 00032B

 000115

 A67BFF

 A67BFF

 9562FF

 B795FF

 8448FF

 C8AEFF

 722FFF

 DAC8FF

 6115FF

 EBE1FF

 5300FF

 FCFBFF

 FFFFFFFF

# Harmonies

## Analogous

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



0097FF



A67BFF



ED5ACA

# Triad

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



A67BFF



DA7D00



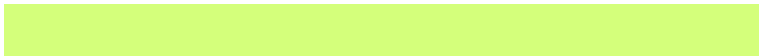
00B1A1

# Complementary

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



A67BFF



D4FF7B

# 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.



00AE5C



A67BFF



A49600

# Square

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



A67BFF



FE5D48



5DA612



00B0E1

# Rectangle

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



A67BFF



FF4B9E



5DA612



00B18A



# Sweetspot

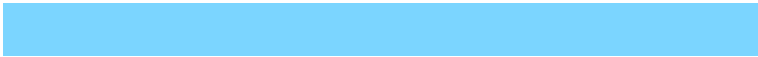
The Sweet Spot groups the original color and five complimentary colors.



A67BFF



E3D6FF



7BD5FF



6F6780



000000



808080



# Same Dimension

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



A67BFF



9461FF



E77BFF



777380



3E00BF



150040



# Inverse Universe

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



FF7BD4



FF61CB



93FF7B



80737B



BF0081

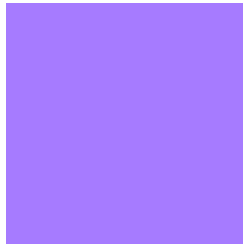


40002B



# Previews

## White Background



This preview shows how the Hex color A67BFF 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 A67BFF Background



This preview shows how black text looks on a background with the Hex color A67BFF.

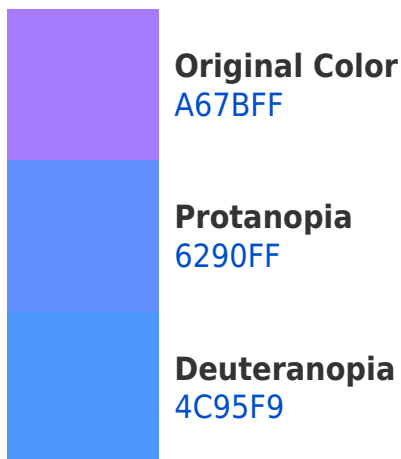


This preview shows how white text looks on a background with the Hex color A67BFF.

# 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](#).

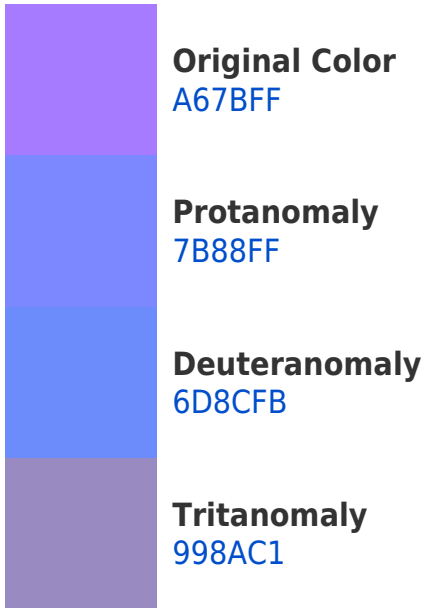
## Dichromacy



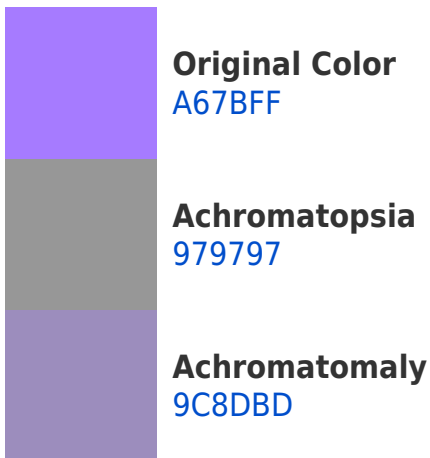


**Tritanopia**  
92939E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A67BFF 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 #A67BFF looks like.

```
.text, #text, p{  
    color:#A67BFF  
}
```

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 #A67BFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A67BFF
}
```

## Border

The CSS property to change the border of an element to Hex A67BFF 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
#A67BFF }
```

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

```
.border{ border-color:#A67BFF }
```

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

Here you see how a box with a 4 pixel #A67BFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A67BFF; -webkit-box-shadow:4px 4px  
4px 4px #A67BFF; box-shadow:4px 4px 4px  
4px #A67BFF }
```

# Background

The CSS property to change the background color of an element to Hex A67BFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A67BFF }
```

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

```
.background{ background-color:#A67BFF }
```

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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