

Converting Colors

Hex(9A7BFF)

Have a look what the booklet for
Hex(9A7BFF) contains.

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Color

Hex(9A7BFF)

Conversions

Conversions Part 1

Format	Color
Hex	9A7BFF
RGB	154, 123, 255
RGB Percent	60%, 48%, 100%
CMY	0.3961, 0.5176, 0.0000
CMYK	0.40, 0.52, 0.00, 0.00
HSL	254°, 100%, 74%
HSV	254°, 52%, 100%
XYZ	38.4594, 28.2559, 98.0347
YIQ	147.3170, -23.8960, 47.6240

Conversions

Conversions Part 2

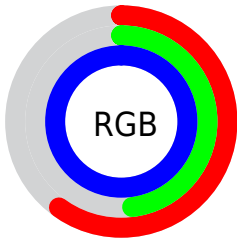
Format	Color
RYB	154, 123, 255
Decimal	10124287
CIELab	60.12, 41.72, -61.88
CIElCh	60, 74.634, 303.987
Yxy	28.2559, 0.2334, 0.1715
Android (android.graphics.Color)	4288314367 (0xFF9A7BFF)
YUV	147.3170, 53.0877, 5.8610
Hunter-Lab	53.1563, 36.1238, -72.1374

Details

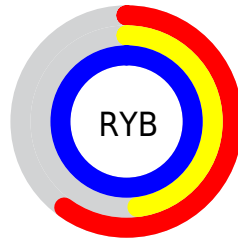
The Hex color **9A7BFF** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **E0FF7B**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **D5B0FF**, and **6049C5** is the 20% darker color. If you saturate the color by 10%, you get **8662FF**, and if you desaturate by 10%, it is **AE95FF**.

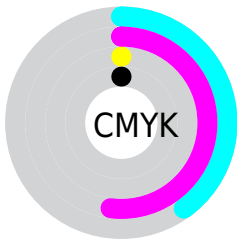
Distribution



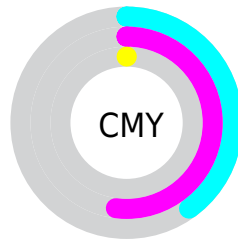
- Red (60%)
- Green (48%)
- Blue (100%)



- Red (60%)
- Yellow (48%)
- Blue (100%)



- Cyan (40%)
- Magenta (52%)
- Yellow (0%)
- Black (0%)



- Cyan (40%)
- Magenta (52%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9A7BFF 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 9A7BFF by changing the saturation by 10% instead.

 9A7BFF

 9A7BFF

FFFFFF

 7D62E2

 D5B0FF

 6049C5

 F2CCFF

 4232AA

 FFE8FF

 1E1B8E

 000474

 00005B

 000742

 00032B

 000115

 9A7BFF

 9A7BFF

 8662FF

 AE95FF

 7348FF

 C1AEFF

 5F2FFF

 D5C8FF

 4C15FF

 E8E1FF

 3C00FF

 FCFBFF

 FFFFFFFF

Harmonies

Analogous

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



0096FF



9A7BFF



E559CC

Triad

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



9A7BFF



DB7701



00AE98

Complementary

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



9A7BFF



E0FF7B

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.



00AA53



9A7BFF



A69100

Square

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



9A7BFF



FD584B



62A201



00ADD9

Rectangle

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



9A7BFF



FE48A1



62A201



00AD81

Sweetspot

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



9A7BFF



E0D6FF



7BE0FF



6D6780



000000



808080

Same Dimension

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



9A7BFF



8661FF



DC7BFF



767380



2D00BF



0F0040

Inverse Universe

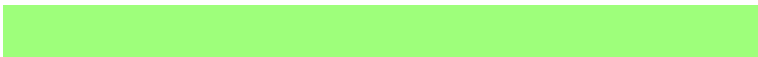
The Inverse Universe completely reimagines the original color for something new.



FF7BE0



FF61DA



9EFF7B



80737D



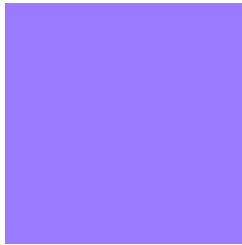
BF0092



400031

Previews

White Background



This preview shows how the Hex color 9A7BFF looks on a white background.

Color Contrast Check

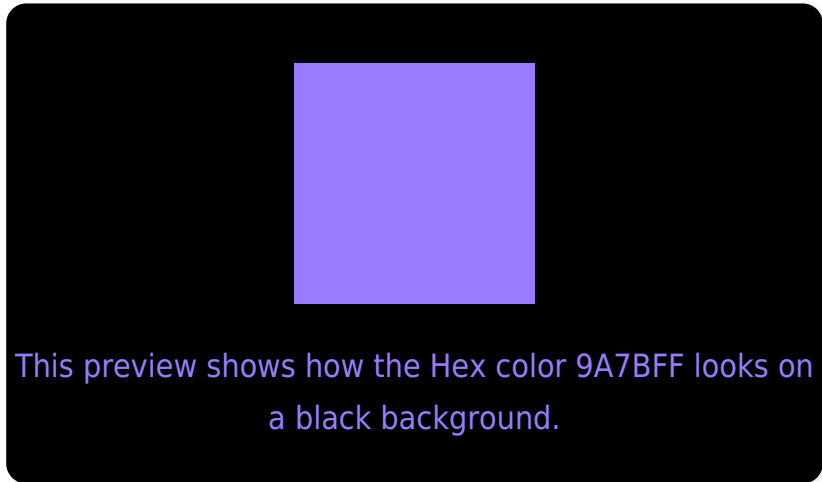
Large Text (above 18pt) WCAG AA ✓ Pass

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

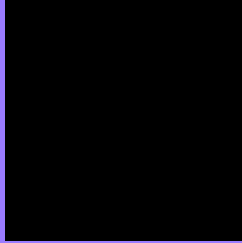
Any Text WCAG AA ✓ Pass

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 9A7BFF Background



This preview shows how black text looks on a background with the Hex color 9A7BFF.

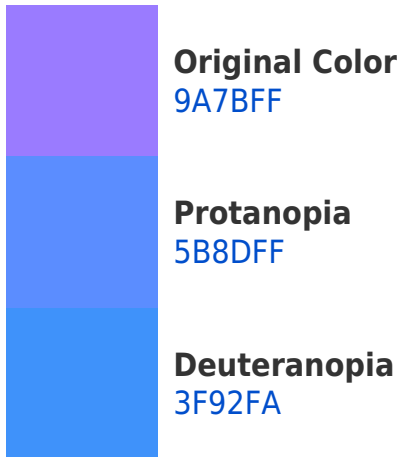


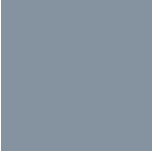
This preview shows how white text looks on a background with the Hex color 9A7BFF.

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](#).

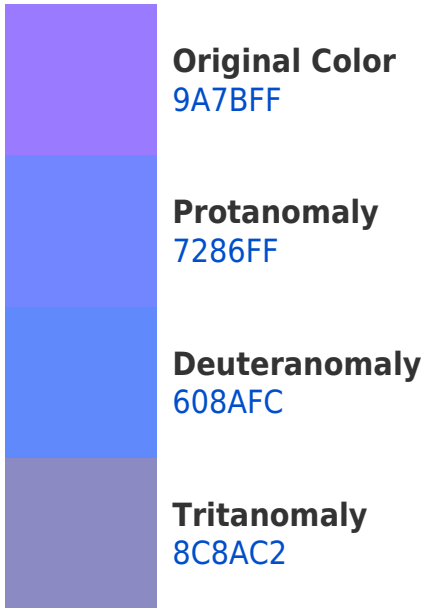
Dichromacy



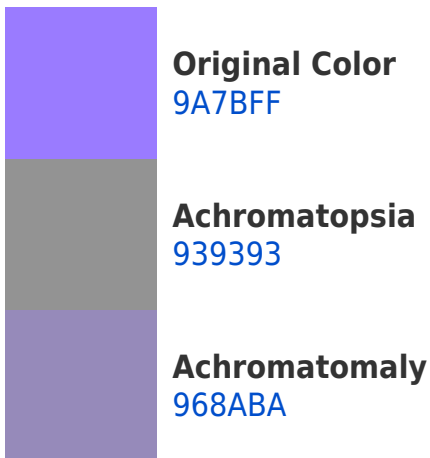


Tritanopia
84939F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9A7BFF 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 #9A7BFF looks like.

```
.text, #text, p{  
  color:#9A7BFF  
}
```

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 #9A7BFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A7BFF
}
```

Border

The CSS property to change the border of an element to Hex 9A7BFF is called "border". The border property can be set on classes, ids or directly on the HTML element.

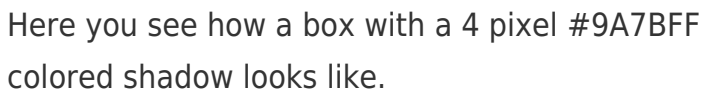
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9A7BFF }
```

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

```
.border{ border-color:#9A7BFF }
```

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



Here you see how a box with a 4 pixel #9A7BFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A7BFF; -webkit-box-shadow:4px 4px  
4px 4px #9A7BFF; box-shadow:4px 4px 4px  
4px #9A7BFF }
```

Background

The CSS property to change the background color of an element to Hex 9A7BFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A7BFF }
```

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

```
.background{ background-color:#9A7BFF }
```

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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