

Converting Colors

Hex(9B77FF)

Have a look what the booklet for
Hex(9B77FF) contains.

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Color

Hex(9B77FF)

Conversions

Conversions Part 1

Format	Color
Hex	9B77FF
RGB	155, 119, 255
RGB Percent	61%, 47%, 100%
CMY	0.3922, 0.5333, 0.0000
CMYK	0.39, 0.53, 0.00, 0.00
HSL	256°, 100%, 73%
HSV	256°, 53%, 100%
XYZ	38.1644, 27.3822, 97.8816
YIQ	145.2680, -22.2000, 49.9280

Conversions

Conversions Part 2

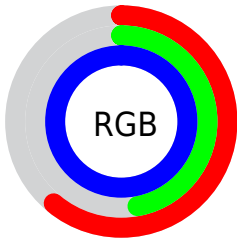
Format	Color
R _Y B	155, 119, 255
Decimal	10188799
CIE _{Lab}	59.33, 44.19, -63.15
CIE _{LCh}	59, 77.076, 304.983
Y _{xy}	27.3822, 0.2335, 0.1675
Android (android.graphics.Color)	4288378879 (0xFF9B77FF)
YUV	145.2680, 54.0979, 8.5350
Hunter-Lab	52.3280, 38.6114, -74.2746

Details

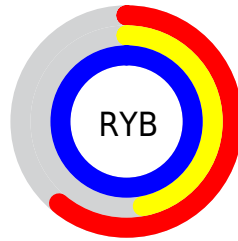
The Hex color **9B77FF** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **DBFF77**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **D6ACFF**, and **6145C5** is the 20% darker color. If you saturate the color by 10%, you get **885EFF**, and if you desaturate by 10%, it is **AE91FF**.

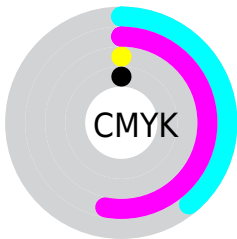
Distribution



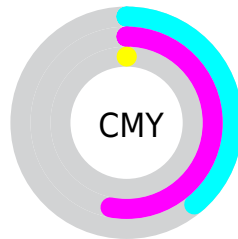
- Red (61%)
- Green (47%)
- Blue (100%)



- Red (61%)
- Yellow (47%)
- Blue (100%)



- Cyan (39%)
- Magenta (53%)
- Yellow (0%)
- Black (0%)



- Cyan (39%)
- Magenta (53%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9B77FF 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 9B77FF by changing the saturation by 10% instead.

 9B77FF

 9B77FF

FFFFFF

 7E5EE2

 D6ACFF

 6145C5

 F4C8FF

 432DAA

 FFE4FF

 1F168E

 000074

 00005B

 000742

 00032B

 000115

 9B77FF

 9B77FF

 885EFF

 AE91FF

 7544FF

 C1AAFF

 632AFF

 D3C3FF

 5011FF

 E6DDFF

 4300FF

 F9F7FF

 FFFFFFFF

Harmonies

Analogous

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



0094FF



9B77FF



E753C9

Triad

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



9B77FF



D87500



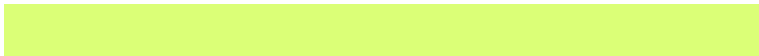
00AD99

Complementary

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



9B77FF



DBFF77

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.



00A952



9B77FF



A29000

Square

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



9B77FF



FC5345



5AA000



00ACDB

Rectangle

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



9B77FF



FF409D



5AA000



00AC81

Sweetspot

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



9B77FF



E1D6FF



77DDFF



6E6780



000000



808080

Same Dimension

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



9B77FF



875CFF



DD77FF



767380



3300BF



110040

Inverse Universe

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



FF77DB



FF5CD4



99FF77



80737C



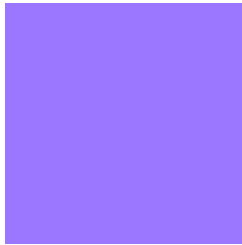
BF008D



40002F

Previews

White Background



This preview shows how the Hex color 9B77FF 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

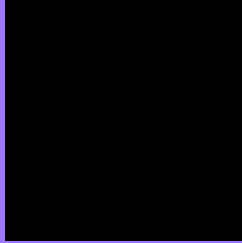
Any Text WCAG AA ✓ Pass

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 9B77FF Background



This preview shows how black text looks on a background with the Hex color 9B77FF.

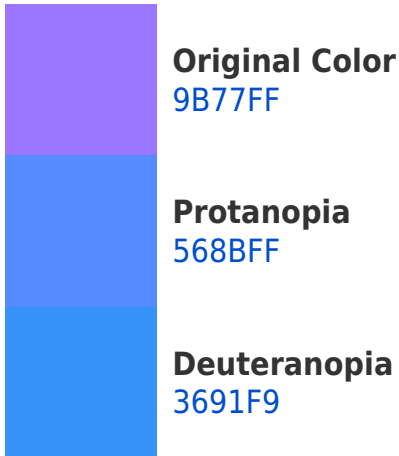


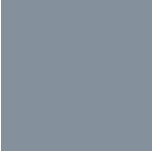
This preview shows how white text looks on a background with the Hex color 9B77FF.

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](#).

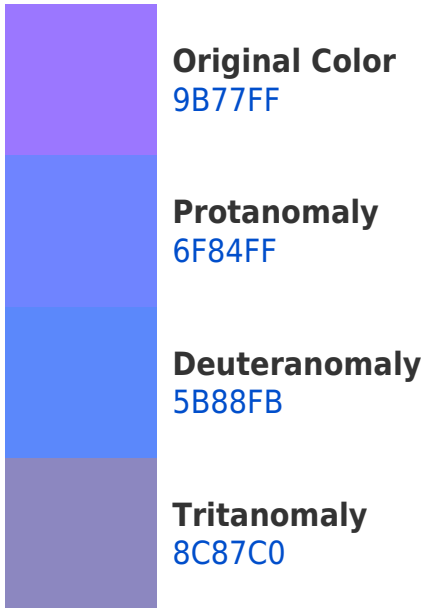
Dichromacy





Tritanopia
84909C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9B77FF 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 #9B77FF looks like.

```
.text, #text, p{  
  color:#9B77FF  
}
```

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 #9B77FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B77FF
}
```

Border

The CSS property to change the border of an element to Hex 9B77FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

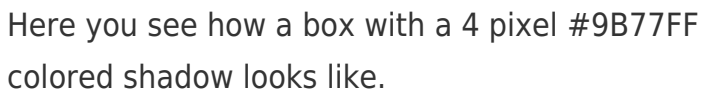
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9B77FF }
```

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

```
.border{ border-color:#9B77FF }
```

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



Here you see how a box with a 4 pixel #9B77FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B77FF; -webkit-box-shadow:4px 4px  
4px 4px #9B77FF; box-shadow:4px 4px 4px  
4px #9B77FF }
```

Background

The CSS property to change the background color of an element to Hex 9B77FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B77FF }
```

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

```
.background{ background-color:#9B77FF }
```

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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