

# Converting Colors

Hex(9B7CFD)

Have a look what the booklet for  
Hex(9B7CFD) contains.

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# Color

**Hex(9B7CFD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9B7CFD
RGB	155, 124, 253
RGB Percent	61%, 49%, 99%
CMY	0.3922, 0.5137, 0.0078
CMYK	0.39, 0.51, 0.00, 0.01
HSL	254°, 97%, 74%
HSV	254°, 51%, 99%
XYZ	38.4548, 28.4757, 96.3981
YIQ	147.9750, -22.9330, 46.6910

# Conversions

## Conversions Part 2

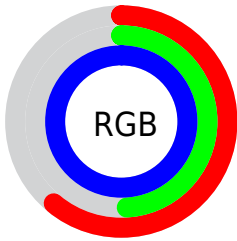
Format	Color
R <sub>Y</sub> B	155, 124, 253
Decimal	10190077
CIE Lab	60.32, 40.86, -60.46
CIE LCh	60, 72.974, 304.048
Yxy	28.4757, 0.2354, 0.1743
Android (android.graphics.Color)	4288380157 (0xFF9B7CFD)
YUV	147.9750, 51.7773, 6.1609
Hunter-Lab	53.3626, 35.2482, -69.7518

# Details

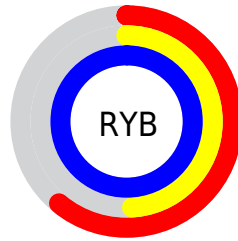
The Hex color **9B7CFD** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **DEFD7C**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **D5B1FF**, and **614AC4** is the 20% darker color. If you saturate the color by 10%, you get **8863FD**, and if you desaturate by 10%, it is **AE95FD**.

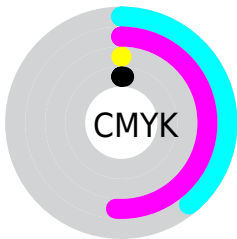
# Distribution



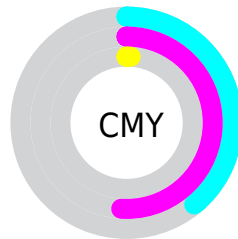
- Red (61%)
- Green (49%)
- Blue (99%)



- Red (61%)
- Yellow (49%)
- Blue (99%)



- Cyan (39%)
- Magenta (51%)
- Yellow (0%)
- Black (1%)



- Cyan (39%)
- Magenta (51%)
- Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9B7CFD 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 9B7CFD by changing the saturation by 10% instead.



 9B7CFD

 9B7CFD

FFFFFF

 7E63E0

 D5B1FF

 614AC4

 F3CDFF

 4433A8

 FFE9FF

 221C8D

 000572

 000059

 000741

 00032A

 000114

 9B7CFD


 9B7CFD

 8863FD

 AE95FD

 7549FD

 C1AFFD

 6130FD

 D5C8FD

 4E17FD

 E8E1FD

 3D00FD

 FBFBFD

 FFFFFD

# Harmonies

## Analogous

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



0097FF



9B7CFD



E45CCB

# Triad

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



9B7CFD



DA780A



00AE99

# Complementary

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



9B7CFD



DEFD7C

# 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.



00AB56



9B7CFD



A79100

# Square

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



9B7CFD



FB5A4D



64A20C



00ADD8

# Rectangle

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



9B7CFD



FC4CA1



64A20C



00AE82



# Sweetspot

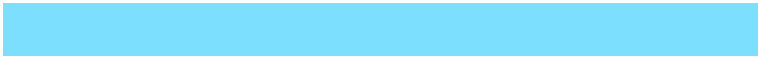
The Sweet Spot groups the original color and five complimentary colors.



9B7CFD



E2D9FF



7CDFFD



6E6980



000000



808080



# Same Dimension

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



9B7CFD



8963FF



DB7CFD



767380



2E00BF



0F0040



# Inverse Universe

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



FD7CDE



FF63DA



9EFD7C



80737C



BF0091

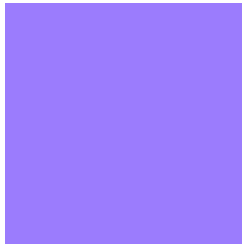


400030



# Previews

## White Background



This preview shows how the Hex color 9B7CFD looks on a white background.

## Color Contrast Check

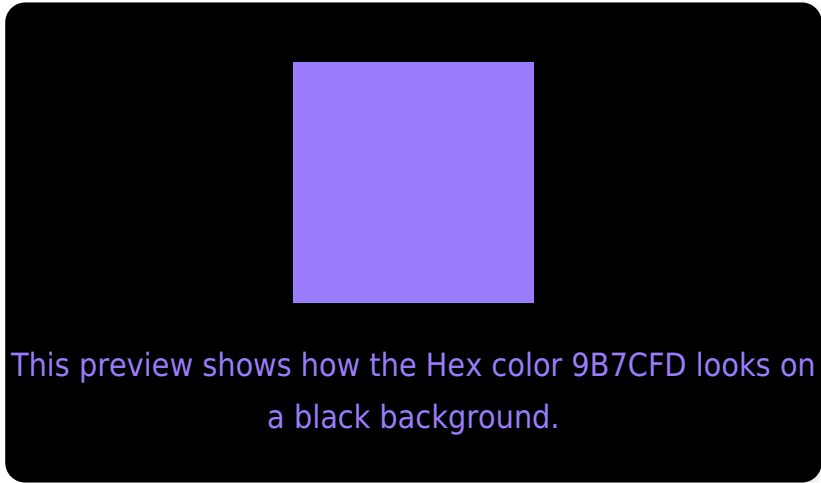
Large Text (above 18pt) WCAG AA ✓ Pass

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 9B7CFD Background



This preview shows how black text looks on a background with the Hex color 9B7CFD.



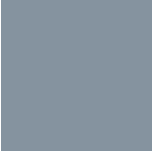
This preview shows how white text looks on a background with the Hex color 9B7CFD.

# 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](#).

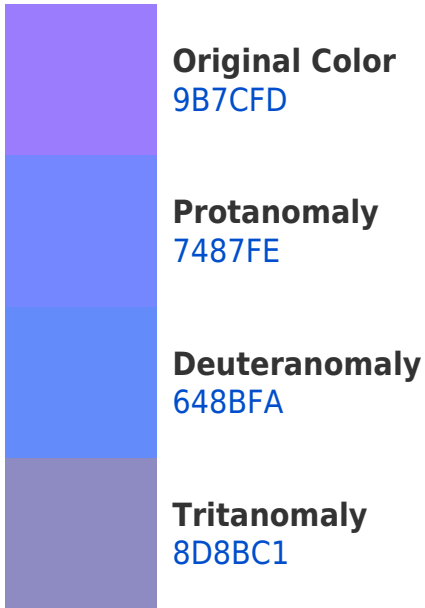
## Dichromacy



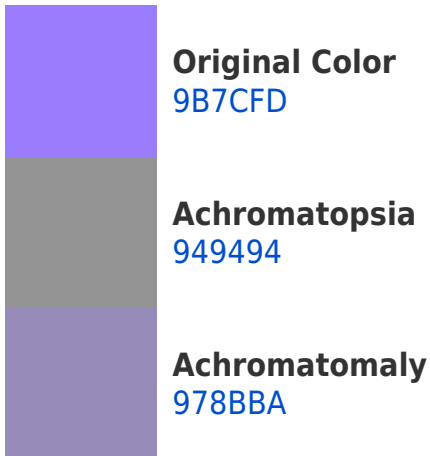


**Tritanopia**  
85939F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9B7CFD 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 #9B7CFD looks like.

```
.text, #text, p{  
    color:#9B7CFD  
}
```

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 #9B7CFD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B7CFD
}
```

## Border

The CSS property to change the border of an element to Hex 9B7CFD is called "border". The border property can be set on classes, ids or directly on the HTML element.

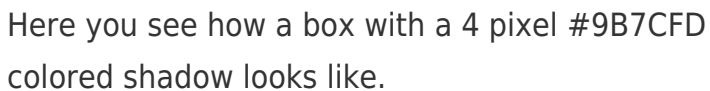
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9B7CFD }
```

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

```
.border{ border-color:#9B7CFD }
```

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



Here you see how a box with a 4 pixel #9B7CFD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B7CFD; -webkit-box-shadow:4px 4px  
4px 4px #9B7CFD; box-shadow:4px 4px 4px  
4px #9B7CFD }
```

# Background

The CSS property to change the background color of an element to Hex 9B7CFD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B7CFD }
```

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

```
.background{ background-color:#9B7CFD }
```

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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