

# Converting Colors

Hex(9B8FD0)

Have a look what the booklet for  
Hex(9B8FD0) contains.

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# **Color**

**Hex(9B8FD0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9B8FD0
RGB	155, 143, 208
RGB Percent	61%, 56%, 82%
CMY	0.3922, 0.4392, 0.1843
CMYK	0.25, 0.31, 0.00, 0.18
HSL	251°, 41%, 69%
HSV	251°, 31%, 82%
XYZ	34.7252, 31.1676, 63.8602
YIQ	153.9980, -13.7130, 22.7590

# Conversions

## Conversions Part 2

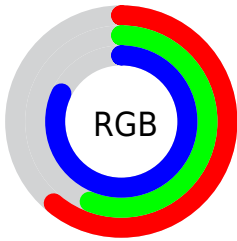
<b>Format</b>	<b>Color</b>
<b>RYB</b>	155, 143, 208
Decimal	10194896
CIELab	62.65, 18.44, -31.81
CIELCh	63, 36.768, 300.098
Yxy	31.1676, 0.2676, 0.2402
Android (android.graphics.Color)	4288384976 (0xFF9B8FD0)
YUV	153.9980, 26.6230, 0.8788
Hunter-Lab	55.8279, 13.3289, -28.7409

# Details

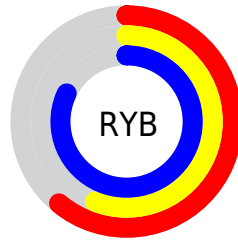
The Hex color **9B8FD0** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **C4D08F**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **D2C5FF**, and **665D99** is the 20% darker color. If you saturate the color by 10%, you get **8A7AD0**, and if you desaturate by 10%, it is **ACA4D0**.

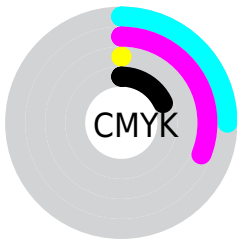
# Distribution



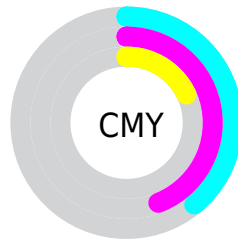
- Red (61%)
- Green (56%)
- Blue (82%)



- Red (61%)
- Yellow (56%)
- Blue (82%)



- Cyan (25%)
- Magenta (31%)
- Yellow (0%)
- Black (18%)



- Cyan (39%)
- Magenta (44%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9B8FD0 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 9B8FD0 by changing the saturation by 10% instead.



■ 9B8FD0

■ 9B8FD0

FFFFFF

■ 8075B4

■ D2C5FF

■ 665D99

■ EFE1FF

■ 4D457F

■ FFFDFD

■ 342F66

■ 1B1A4D

■ 040036

■ 000220

■ 000005

■ 000000

9B8FD0

9B8FD0

8A7AD0

ACA4D0

7965D0

BDB9D0

6851D0

CECDD0

573CD0

DFE2D0

4627D0

F0F7D0

3512D0

FFFFD0

2600D0

# Harmonies

## Analogous

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



669BD8



9B8FD0



C184B9

# Triad

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



9B8FD0



C78A60



32A997

# Complementary

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



9B8FD0



C4D08F

# 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.



63A676



9B8FD0



AC9655

# Square

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



9B8FD0



D58178



8B9F5E



00A8B7

# Rectangle

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



9B8FD0



D07FA4



8B9F5E



44A88B



# Sweetspot

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



9B8FD0



ECE8FF



8FC4D0



747180



000000



808080



# Same Dimension

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



9B8FD0



B09EFF



BB8FD0



605E69



1F00A8



080029



# Inverse Universe

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



D08FC4



FF9EED



A4D08F



695E67



A80089

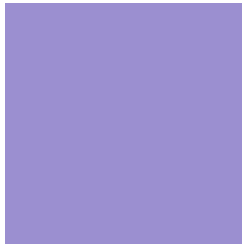


290021



# Previews

## White Background



This preview shows how the Hex color 9B8FD0 looks on a white background.

## Color Contrast Check

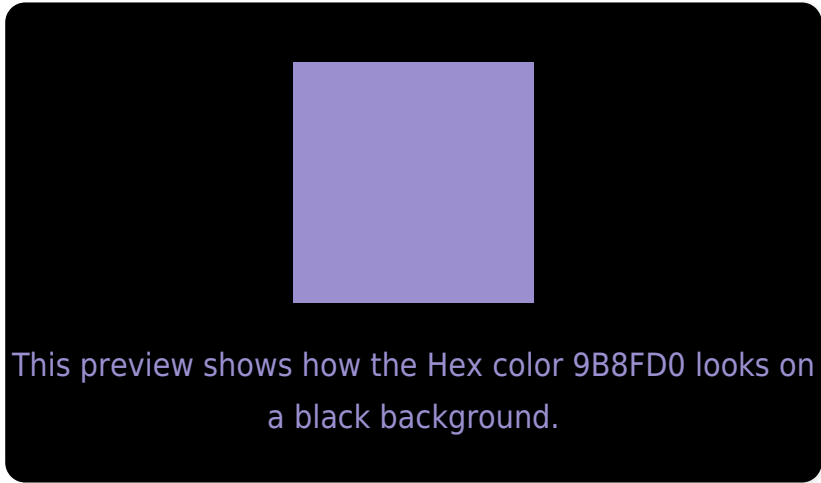
Large Text (above 18pt) WCAG AA × Fail

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 9B8FD0 Background



This preview shows how black text looks on a background with the Hex color 9B8FD0.

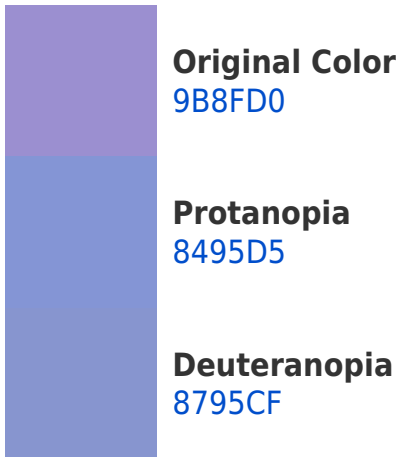


This preview shows how white text looks on a background with the Hex color 9B8FD0.

# 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](#).

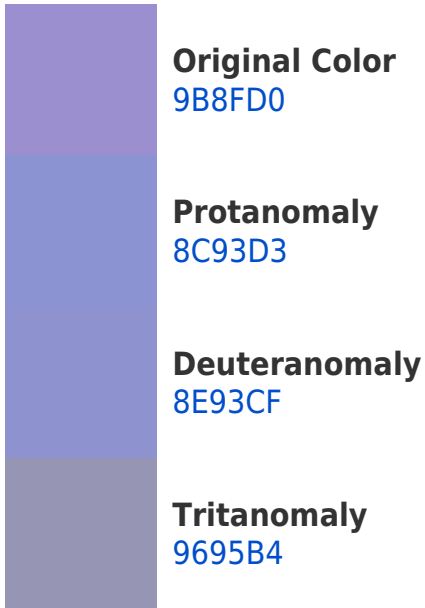
## Dichromacy



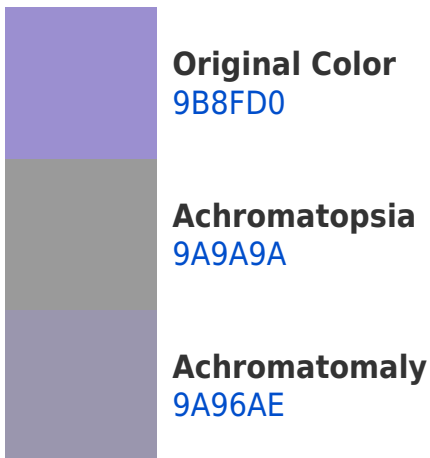


**Tritanopia**  
9398A4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9B8FD0 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 #9B8FD0 looks like.

```
.text, #text, p{  
    color:#9B8FD0  
}
```

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 #9B8FD0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B8FD0
}
```

## Border

The CSS property to change the border of an element to Hex 9B8FD0 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
#9B8FD0 }
```

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

```
.border{ border-color:#9B8FD0 }
```

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

Here you see how a box with a 4 pixel #9B8FD0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B8FD0; -webkit-box-shadow:4px 4px  
4px 4px #9B8FD0; box-shadow:4px 4px 4px  
4px #9B8FD0 }
```

# Background

The CSS property to change the background color of an element to Hex 9B8FD0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B8FD0 }
```

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

```
.background{ background-color:#9B8FD0 }
```

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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