

Converting Colors

Hex(9B8FD6)

Have a look what the booklet for
Hex(9B8FD6) contains.

Hex(9B8FD6)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(9B8FD6)

Conversions

Conversions Part 1

Format	Color
Hex	9B8FD6
RGB	155, 143, 214
RGB Percent	61%, 56%, 84%
CMY	0.3922, 0.4392, 0.1608
CMYK	0.28, 0.33, 0.00, 0.16
HSL	250°, 46%, 70%
HSV	250°, 33%, 84%
XYZ	35.4776, 31.4685, 67.8225
YIQ	154.6820, -15.6390, 24.6250

Conversions

Conversions Part 2

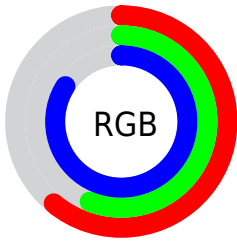
Format	Color
RYB	155, 143, 214
Decimal	10194902
CIELab	62.90, 19.91, -34.77
CIELCh	63, 40.068, 299.802
Yxy	31.4685, 0.2632, 0.2335
Android (android.graphics.Color)	4288384982 (0xFF9B8FD6)
YUV	154.6820, 29.2438, 0.2789
Hunter-Lab	56.0968, 14.7204, -32.4154

Details

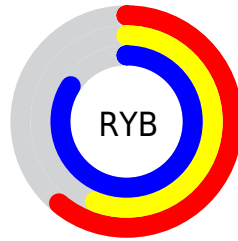
The Hex color **9B8FD6** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **CAD68F**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **D3C5FF**, and **665D9F** is the 20% darker color. If you saturate the color by 10%, you get **897AD6**, and if you desaturate by 10%, it is **ADA4D6**.

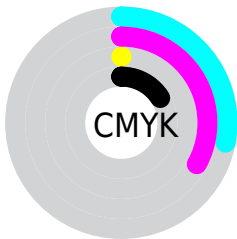
Distribution



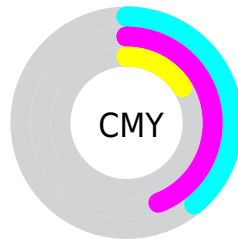
- Red (61%)
- Green (56%)
- Blue (84%)



- Red (61%)
- Yellow (56%)
- Blue (84%)



- Cyan (28%)
- Magenta (33%)
- Yellow (0%)
- Black (16%)



- Cyan (39%)
- Magenta (44%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9B8FD6 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 9B8FD6 by changing the saturation by 10% instead.

 9B8FD6

 9B8FD6

FFFFFF

 8075BA

 D3C5FF

 665D9F

 EFE1FF

 4C4585

 FFFDFD

 332F6B

 191A52

 00003B

 000225

 00010D

 000000

 9B8FD6

 9B8FD6

 897AD6

 ADA4D6

 7764D6

 BFBAD6

 664FD6

 D0CFD6

 5439D6

 E2E5D6

 4224D6

 F4FAD6

 300FD6

 FFFFD6

 2400D6

Harmonies

Analogous

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



5F9CDF



9B8FD6



C482BD

Triad

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



9B8FD6



CB895B



1CAB97

Complementary

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



9B8FD6



CAD68F

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.



5EA873



9B8FD6



AF9650

Square

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



9B8FD6



DB7F77



8AA159



00AABA

Rectangle

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



9B8FD6



D57DA6



8AA159



39AA8A

Sweetspot

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



9B8FD6



EAE6FF



8FCAD6



737080



000000



808080

Same Dimension

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



9B8FD6



AA99FF



BE8FD6



62606B



1D00AB



07002B

Inverse Universe

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



D68FCA



FF99EE



A7D68F



6B6069



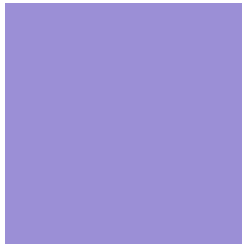
AB008E



2B0024

Previews

White Background



This preview shows how the Hex color 9B8FD6 looks on a white background.

Color Contrast Check

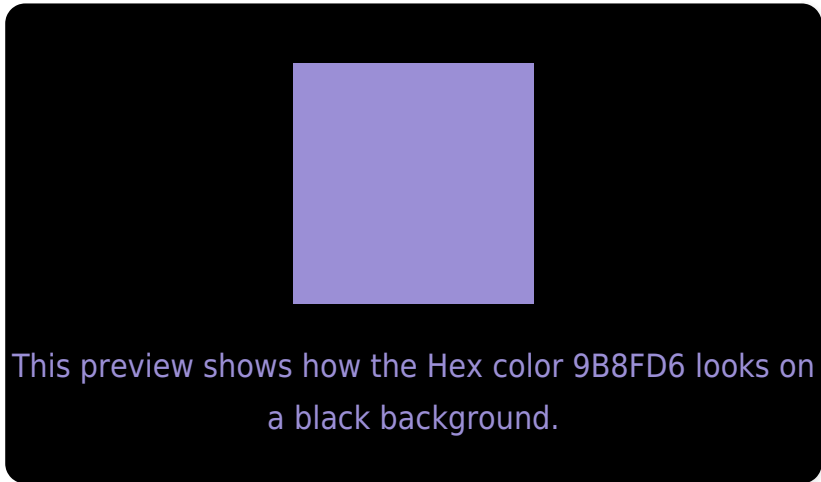
Large Text (above 18pt) WCAG AA × Fail

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

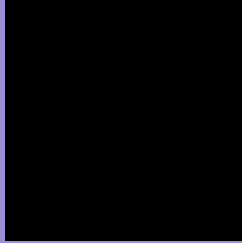
Any Text WCAG AA ✓ Pass

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 9B8FD6 Background



This preview shows how black text looks on a background with the Hex color 9B8FD6.

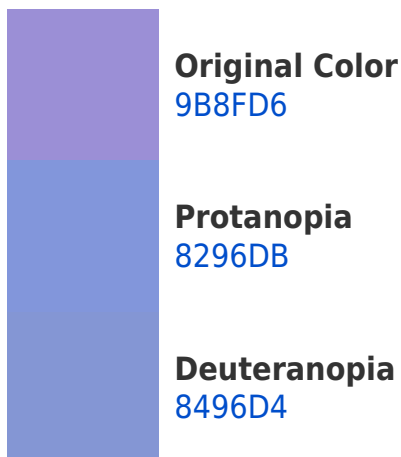


This preview shows how white text looks on a background with the Hex color 9B8FD6.

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](#).

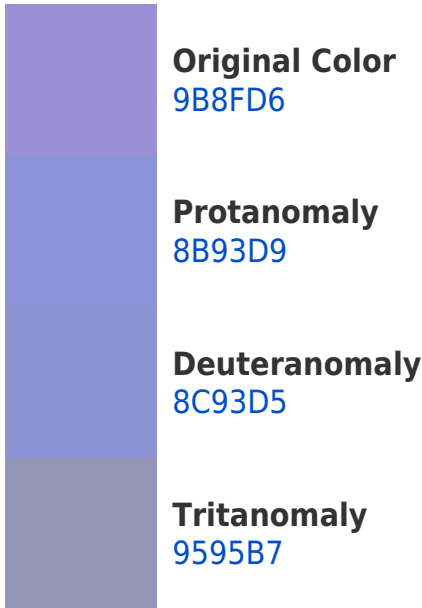
Dichromacy



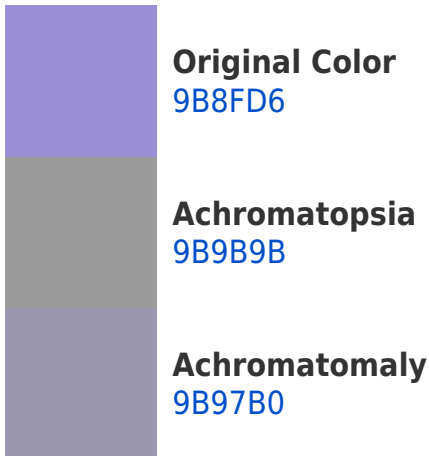


Tritanopia
9199A5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9B8FD6 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 #9B8FD6 looks like.

```
.text, #text, p{  
    color:#9B8FD6  
}
```

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 #9B8FD6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B8FD6
}
```

Border

The CSS property to change the border of an element to Hex 9B8FD6 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
#9B8FD6 }
```

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

```
.border{ border-color:#9B8FD6 }
```

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

Here you see how a box with a 4 pixel #9B8FD6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B8FD6; -webkit-box-shadow:4px 4px  
4px 4px #9B8FD6; box-shadow:4px 4px 4px  
4px #9B8FD6 }
```

Background

The CSS property to change the background color of an element to Hex 9B8FD6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B8FD6 }
```

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

```
.background{ background-color:#9B8FD6 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor