

# Converting Colors

Hex(9B7FB2)

Have a look what the booklet for  
Hex(9B7FB2) contains.

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# Color

Hex(9B7FB2)

# Conversions

## Conversions Part 1

Format	Color
Hex	9B7FB2
RGB	155, 127, 178
RGB Percent	61%, 50%, 70%
CMY	0.3922, 0.5020, 0.3020
CMYK	0.13, 0.29, 0.00, 0.30
HSL	273°, 25%, 60%
HSV	273°, 29%, 70%
XYZ	29.1428, 25.3617, 45.4788
YIQ	141.1860, 0.3170, 21.7970

# Conversions

## Conversions Part 2

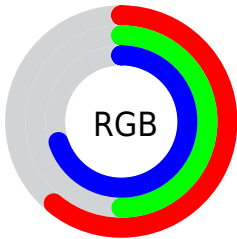
<b>Format</b>	<b>Color</b>
<b>RYB</b>	155, 127, 178
Decimal	10190770
CIELab	57.43, 20.67, -22.90
CIELCh	57, 30.851, 312.060
Yxy	25.3617, 0.2915, 0.2537
Android (android.graphics.Color)	4288380850 (0xFF9B7FB2)
YUV	141.1860, 18.1493, 12.1149
Hunter-Lab	50.3604, 15.1648, -18.2906

# Details

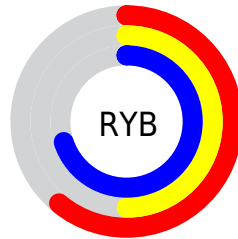
The Hex color **9B7FB2** is a light color, and the websafe version is hex **996699**. A complement of this color would be **96B27F**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **D2B4EA**, and **674E7D** is the 20% darker color. If you saturate the color by 10%, you get **936DB2**, and if you desaturate by 10%, it is **A391B2**.

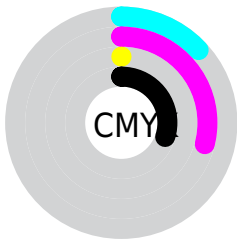
# Distribution



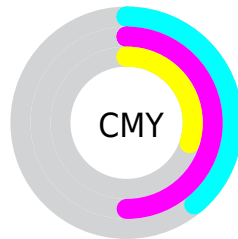
- Red (61%)
- Green (50%)
- Blue (70%)



- Red (61%)
- Yellow (50%)
- Blue (70%)



- Cyan (13%)
- Magenta (29%)
- Yellow (0%)
- Black (30%)



- Cyan (39%)
- Magenta (50%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9B7FB2 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 9B7FB2 by changing the saturation by 10% instead.





9B7FB2



9B7FB2

FFFFFF



816697



D2B4EA



674E7D



EED0FF



4E3664



FFECFF



37214C



200C35



030020



000003



000000



9B7FB2



9B7FB2

 936DB2

 A391B2

 8B5BB2

 ABA3B2

 834AB2

 B3B4B2

 7B38B2

 BBC6B2

 7326B2

 C3D8B2

 6B14B2

 CBEAB2

 6302B2

 D3FCB2

 6200B2

 DBFFB2

 E3FFB2

# Harmonies

## Analogous

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



7589BE



9B7FB2



B4779B

# Triad

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



9B7FB2



AA8357



2F9894

# Complementary

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



9B7FB2



96B27F

# 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.



529778



9B7FB2



918C55

# Square

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



9B7FB2



BA7A67



739361



2397AD

# Rectangle

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



9B7FB2



BD7589



739361



3B988B



# Sweetspot

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



9B7FB2



DFD3E8



7F97B2



6F6875



F5F5F5



757575



# Same Dimension

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



9B7FB2



C499E8



B27FB0



555059



540099



0E001A



# Inverse Universe

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



B27F96



E899BD



7FB281



595054



990045

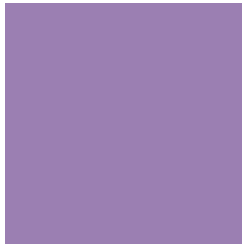


1A000C



# Previews

## White Background



This preview shows how the Hex color 9B7FB2 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 9B7FB2 Background



This preview shows how black text looks on a background with the Hex color 9B7FB2.



This preview shows how white text looks on a background with the Hex color 9B7FB2.

# 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](#).

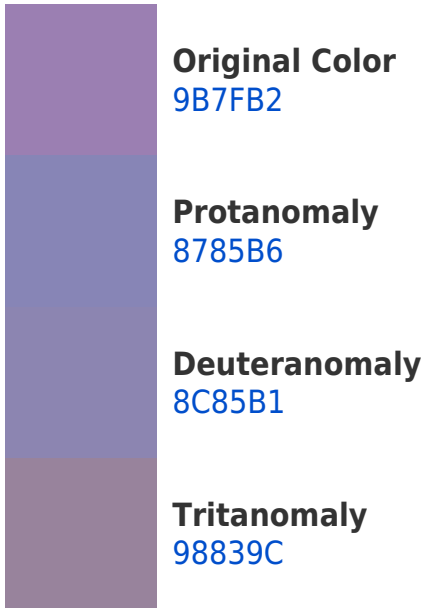
## Dichromacy



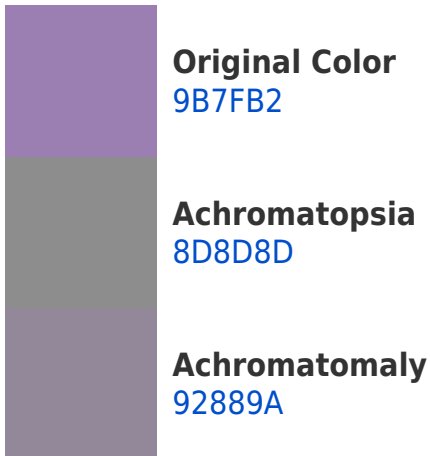


**Tritanopia**  
968590

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9B7FB2 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 #9B7FB2 looks like.

```
.text, #text, p{  
    color:#9B7FB2  
}
```

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 #9B7FB2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B7FB2
}
```

## Border

The CSS property to change the border of an element to Hex 9B7FB2 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
#9B7FB2 }
```

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

```
.border{ border-color:#9B7FB2 }
```

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

Here you see how a box with a 4 pixel #9B7FB2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B7FB2; -webkit-box-shadow:4px 4px  
4px 4px #9B7FB2; box-shadow:4px 4px 4px  
4px #9B7FB2 }
```

# Background

The CSS property to change the background color of an element to Hex 9B7FB2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B7FB2 }
```

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

```
.background{ background-color:#9B7FB2 }
```

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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