

# Converting Colors

Hex(9B81B1)

Have a look what the booklet for  
Hex(9B81B1) contains.

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# **Color**

**Hex(9B81B1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9B81B1
RGB	155, 129, 177
RGB Percent	61%, 51%, 69%
CMY	0.3922, 0.4941, 0.3059
CMYK	0.12, 0.27, 0.00, 0.31
HSL	272°, 24%, 60%
HSV	272°, 27%, 69%
XYZ	29.3036, 25.8434, 45.0388
YIQ	142.2460, 0.0880, 20.4400

# Conversions

## Conversions Part 2

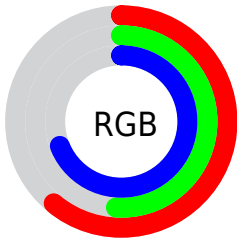
Format	Color
<a href="#">RYB</a>	<a href="#">155, 129, 177</a>
Decimal	<a href="#">10191281</a>
CIELab	<a href="#">57.89, 19.29, -21.62</a>
CIElCh	<a href="#">58, 28.981, 311.741</a>
Yxy	<a href="#">25.8434, 0.2925, 0.2580</a>
Android (android.graphics.Color)	<a href="#">4288381361 (0xFF9B81B1)</a>
YUV	<a href="#">142.2460, 17.1337, 11.1853</a>
Hunter-Lab	<a href="#">50.8364, 13.9291, -16.9428</a>

# Details

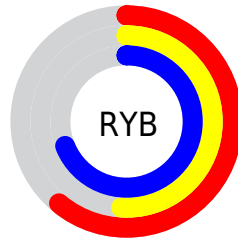
The Hex color **9B81B1** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **97B181**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **D2B6E9**, and **67507C** is the 20% darker color. If you saturate the color by 10%, you get **936FB1**, and if you desaturate by 10%, it is **A393B1**.

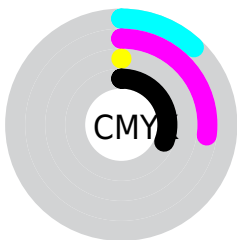
# Distribution



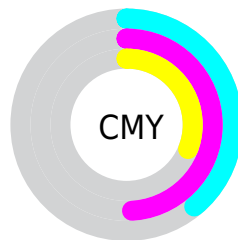
- Red (61%)
- Green (51%)
- Blue (69%)



- Red (61%)
- Yellow (51%)
- Blue (69%)



- Cyan (12%)
- Magenta (27%)
- Yellow (0%)
- Black (31%)



- Cyan (39%)
- Magenta (49%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9B81B1 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 9B81B1 by changing the saturation by 10% instead.



■ 9B81B1

■ 9B81B1

FFFFFF

■ 816896

■ D2B6E9

■ 67507C

■ EED2FF

■ 4F3863

■ FFEEFF

■ 37224B

■ 200E34

■ 05001F

■ 000002

■ 000000

■ 9B81B1

■ 9B81B1

936FB1

A393B1

8B5EB1

ABA4B1

834CB1

B3B6B1

7B3AB1

BBC8B1

7229B1

C4DAB1

6A17B1

CCEBB1

6205B1

D4FDB1

6000B1

DCFFB1

E4FFB1

# Harmonies

## Analogous

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



788ABC



9B81B1



B37A9C

# Triad

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



9B81B1



AA845B



3B9994

# Complementary

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



9B81B1



97B181

# 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.



58987A



9B81B1



928D59

# Square

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



9B81B1



B97C6B



769465



3397AC

# Rectangle

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



9B81B1



BB788B



769465



44998C



# Sweetspot

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



9B81B1



DDD3E6



8197B1



6D6773



F2F2F2



737373



# Same Dimension

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



9B81B1



C39AE6



B181AF



555059



530099



0E001A



# Inverse Universe

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



B18197



E69ABC



81B183



595054



990046

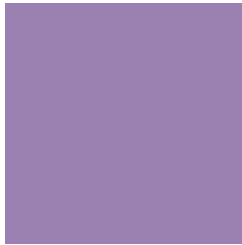


1A000C



# Previews

## White Background



This preview shows how the Hex color 9B81B1 looks on a white background.

## Color Contrast Check

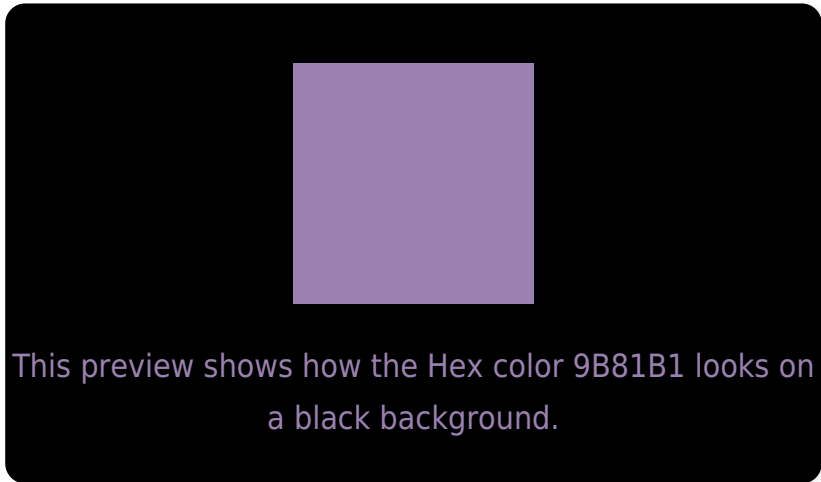
Large Text (above 18pt) WCAG AA ✓ Pass

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 9B81B1 Background



This preview shows how black text looks on a background with the Hex color 9B81B1.



This preview shows how white text looks on a background with the Hex color 9B81B1.

# 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](#).

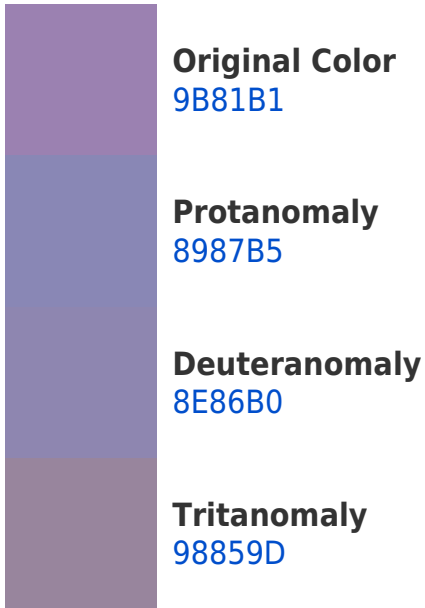
## Dichromacy



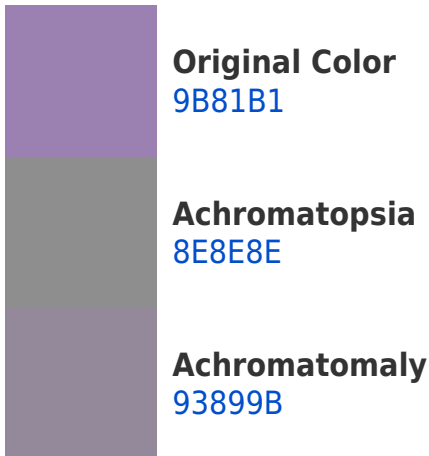


**Tritanopia**  
968792

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9B81B1 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 #9B81B1 looks like.

```
.text, #text, p{  
    color:#9B81B1  
}
```

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 #9B81B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B81B1
}
```

## Border

The CSS property to change the border of an element to Hex 9B81B1 is called "border". The border property can be set on classes, ids or directly on the HTML element.

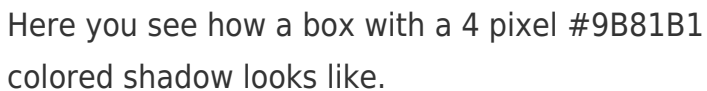
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9B81B1 }
```

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

```
.border{ border-color:#9B81B1 }
```

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



Here you see how a box with a 4 pixel #9B81B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B81B1; -webkit-box-shadow:4px 4px  
4px 4px #9B81B1; box-shadow:4px 4px 4px  
4px #9B81B1 }
```

# Background

The CSS property to change the background color of an element to Hex 9B81B1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B81B1 }
```

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

```
.background{ background-color:#9B81B1 }
```

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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