

# Converting Colors

Hex(9B9ABB)

Have a look what the booklet for  
Hex(9B9ABB) contains.

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# **Color**

**Hex(9B9ABB)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | 9B9ABB                     |
| RGB         | 155, 154, 187              |
| RGB Percent | 61%, 60%, 73%              |
| CMY         | 0.3922, 0.3961, 0.2667     |
| CMYK        | 0.17, 0.18, 0.00, 0.27     |
| HSL         | 242°, 20%, 67%             |
| HSV         | 242°, 18%, 73%             |
| XYZ         | 34.0428, 33.6676, 51.7180  |
| YIQ         | 158.0610, -9.9970, 10.4750 |

# Conversions

## Conversions Part 2

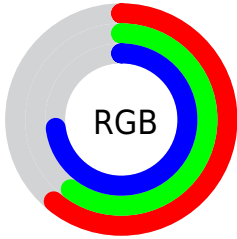
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>RYB</b>                          | 155, 154, 187                 |
| Decimal                             | 10197691                      |
| CIELab                              | 64.70, 7.25, -16.91           |
| CIELCh                              | 65, 18.401, 293.201           |
| Yxy                                 | 33.6676, 0.2850,<br>0.2819    |
| Android<br>(android.graphics.Color) | 4288387771<br>(0xFF9B9ABB)    |
| YUV                                 | 158.0610, 14.2669,<br>-2.6845 |
| Hunter-Lab                          | 58.0238, 3.1850,<br>-12.2299  |

# Details

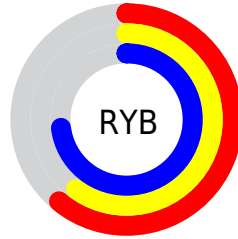
The Hex color **9B9ABB** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **BABB9A**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **D2D0F3**, and **676786** is the 20% darker color. If you saturate the color by 10%, you get **8987BB**, and if you desaturate by 10%, it is **ADADBB**.

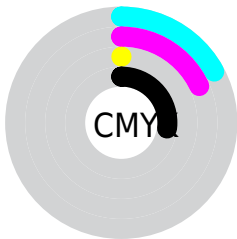
# Distribution



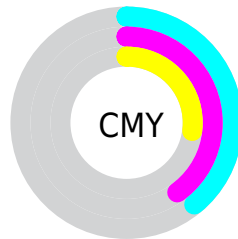
- Red (61%)
- Green (60%)
- Blue (73%)



- Red (61%)
- Yellow (60%)
- Blue (73%)



- Cyan (17%)
- Magenta (18%)
- Yellow (0%)
- Black (27%)



- Cyan (39%)
- Magenta (40%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9B9ABB 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 9B9ABB by changing the saturation by 10% instead.



■ 9B9ABB

■ 9B9ABB

FFFFFF

■ 8180A0

■ D2D0F3

■ 676786

■ EEEDFF

■ 4F4F6C

■ 383854

■ 21233D

■ 0D0D27

■ 000111

■ 000000

■ 9B9ABB

■ 9B9ABB

8987BB

ADADBB

7775BB

BFBFBB

6562BB

D1D2BB

524FBB

E4E5BB

403DBB

F6F8BB

2E2ABB

FFFFBB

1C17BB

0A04BB

0600BB

# Harmonies

## Analogous

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



85A0BD



9B9ABB



AF95B1

# Triad

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



9B9ABB



BA9583



79A698

# Complementary

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



9B9ABB



BABB9A

# 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.



89A489



9B9ABB



AD9B7D

# Square

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



9B9ABB



BF9291



9CA07F



70A6A9

# Rectangle

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



9B9ABB



B892A7



9CA07F



7EA693



# Sweetspot

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



9B9ABB



E7E6F2



9ABABB



73737A



FAFAFA



7A7A7A



# Same Dimension

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



9B9ABB



C1BFF2



AB9ABB



55555E



05009E



01001F



# Inverse Universe

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



BB9ABA



F2BFF1



AABB9A



5E555E



9E0099

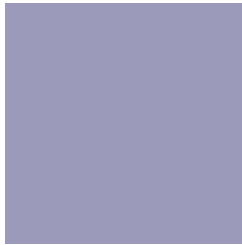


1F001E



# Previews

## White Background



This preview shows how the Hex color 9B9ABB looks on a white background.

## Color Contrast Check

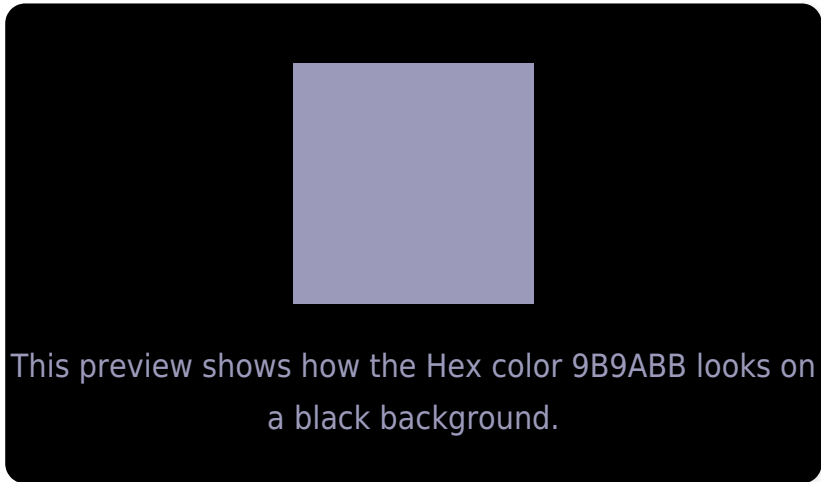
Large Text (above 18pt) WCAG AA × Fail

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

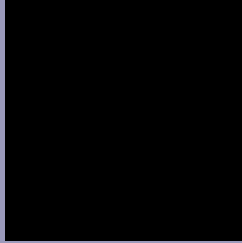
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9B9ABB Background



This preview shows how black text looks on a background with the Hex color 9B9ABB.



This preview shows how white text looks on a background with the Hex color 9B9ABB.

# 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



**Original Color**  
9B9ABB

**Protanopia**  
969BBC

**Deuteranopia**  
9D99BB



**Tritanopia**  
989DA9

# Trichromacy



**Original Color**  
9B9ABB

**Protanomaly**  
989BBC

**Deuteranomaly**  
9C99BB

**Tritanomaly**  
999CB0

# Monochromacy



**Original Color**  
9B9ABB

**Achromatopsia**  
9E9E9E

**Achromatomaly**  
9D9DA9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9B9ABB 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 #9B9ABB looks like.

```
.text, #text, p{  
    color:#9B9ABB  
}
```

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 #9B9ABB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B9ABB  
}
```

## Border

The CSS property to change the border of an element to Hex 9B9ABB 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  
#9B9ABB }
```

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

```
.border{ border-color:#9B9ABB }
```

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

Here you see how a box with a 4 pixel #9B9ABB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B9ABB; -webkit-box-shadow:4px 4px  
4px 4px #9B9ABB; box-shadow:4px 4px 4px  
4px #9B9ABB }
```

# Background

The CSS property to change the background color of an element to Hex 9B9ABB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B9ABB }
```

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

```
.background{ background-color:#9B9ABB }
```

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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