

Converting Colors

Hex(9B9BBA)

Have a look what the booklet for
Hex(9B9BBA) contains.

Hex(9B9BBA)	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(9B9BBA)

Conversions

Conversions Part 1

Format	Color
Hex	9B9BBA
RGB	155, 155, 186
RGB Percent	61%, 61%, 73%
CMY	0.3922, 0.3922, 0.2706
CMYK	0.17, 0.17, 0.00, 0.27
HSL	240°, 18%, 67%
HSV	240°, 17%, 73%
XYZ	34.1018, 33.9564, 51.2113
YIQ	158.5340, -9.9510, 9.6410

Conversions

Conversions Part 2

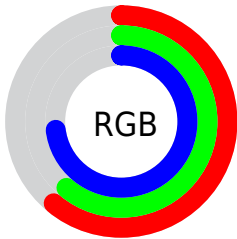
Format	Color
R_{YB}	155, 155, 186
Decimal	10197946
CIE _{Lab}	64.93, 6.46, -16.01
CIE _{LCh}	65, 17.261, 291.988
Yxy	33.9564, 0.2859, 0.2847
Android (android.graphics.Color)	4288388026 (0xFF9B9BBA)
YUV	158.5340, 13.5407, -3.0993
Hunter-Lab	58.2721, 2.4850, -11.3153

Details

The Hex color **9B9BBA** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **BABA9B**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **D2D1F2**, and **676885** is the 20% darker color. If you saturate the color by 10%, you get **8888BA**, and if you desaturate by 10%, it is **AEAEBB**.

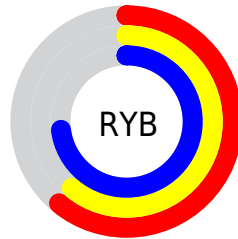
Distribution



Red (61%)

Green (61%)

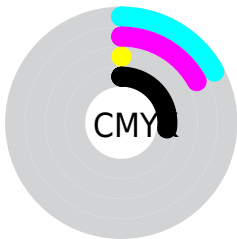
Blue (73%)



Red (61%)

Yellow (61%)

Blue (73%)

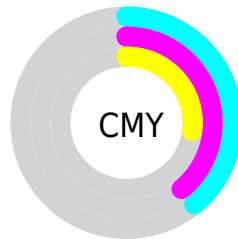


Cyan (17%)

Magenta (17%)

Yellow (0%)

Black (27%)



Cyan (39%)

Magenta (39%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9B9BBA 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 9B9BBA by changing the saturation by 10% instead.

■ 9B9BBA

■ 9B9BBA

FFFFFF

■ 81819F

■ D2D1F2

■ 676885

■ EEEEEF

■ 4F506C

■ 383953

■ 21243C

■ 0D0E26

■ 000110

■ 000000

■ 9B9BBA

■ 9B9BBA

8888BA

AEAEB

7676BA

C0C0BA

6363BA

D3D3BA

5151BA

E5E5BA

3E3EBA

F8F8BA

2B2BBA

FFFFBA

1919BA

0606BA

0000BA

Harmonies

Analogous

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



87A0BC



9B9BBA



AE96B1

Triad

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



9B9BBA



B99686



7CA699

Complementary

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



9B9BBA



BABA9B

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.



8CA48A



9B9BBA



AE9B7F

Square

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



9B9BBA



BE9393



9DA081



74A6A8

Rectangle

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



9B9BBA



B794A7



9DA081



81A693

Sweetspot

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



9B9BBA



E6E6F2



9BBABA



73737A



FAFAFA



7A7A7A

Same Dimension

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



9B9BBA



C2C2F2



AB9BBA



53535C



00009C



00001C

Inverse Universe

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



BA9BBA



F2C2F2



ABBA9B



5C535C



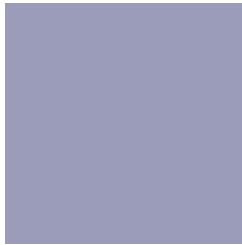
9C009C



1C001C

Previews

White Background



This preview shows how the Hex color 9B9BBA looks on a white background.

Color Contrast Check

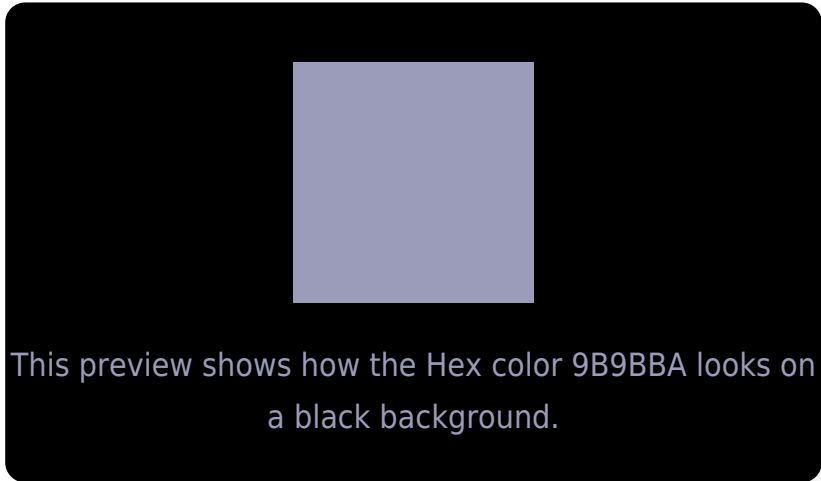
Large Text (above 18pt) WCAG AA × Fail

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

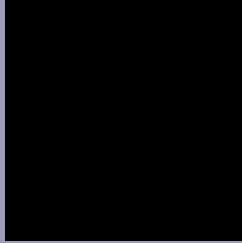
Any Text WCAG AA ✓ Pass

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 9B9BBA Background



This preview shows how black text looks on a background with the Hex color 9B9BBA.



This preview shows how white text looks on a background with the Hex color 9B9BBA.

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
9B9BBA

Protanopia
979CBB

Deuteranopia
9F9ABA

Trichromacy



Original Color
9B9BBA

Protanomaly
989CBB

Deuteranomaly
9E9ABA

Tritanomaly
999DB0

Monochromacy



Original Color
9B9BBA

Achromatopsia
9F9F9F

Achromatomaly
9E9EA9

CSS Examples

Text

The CSS property to change the color of the text to Hex 9B9BBA 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 #9B9BBA looks like.

```
.text, #text, p{  
    color:#9B9BBA  
}
```

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 #9B9BBA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B9BBA
}
```

Border

The CSS property to change the border of an element to Hex 9B9BBA 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
#9B9BBA }
```

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

```
.border{ border-color:#9B9BBA }
```

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

Here you see how a box with a 4 pixel #9B9BBA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B9BBA; -webkit-box-shadow:4px 4px  
4px 4px #9B9BBA; box-shadow:4px 4px 4px  
4px #9B9BBA }
```

Background

The CSS property to change the background color of an element to Hex 9B9BBA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B9BBA }
```

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

```
.background{ background-color:#9B9BBA }
```

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