

# Converting Colors

Hex(9F86B3)

Have a look what the booklet for  
Hex(9F86B3) contains.

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# **Color**

**Hex(9F86B3)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | 9F86B3                    |
| RGB           | 159, 134, 179             |
| RGB Percent   | 62%, 53%, 70%             |
| CMY           | 0.3765, 0.4745, 0.2980    |
| CMYK          | 0.11, 0.25, 0.00, 0.30    |
| HSL           | 273°, 23%, 61%            |
| HSV           | 273°, 25%, 70%            |
| XYZ           | 30.9599, 27.6758, 46.3580 |
| YIQ           | 146.6050, 0.4550, 19.2950 |

# Conversions

## Conversions Part 2

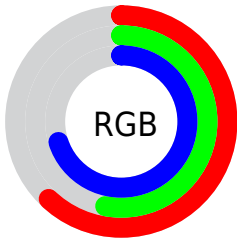
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">159, 134, 179</a>                  |
| Decimal                             | <a href="#">10454707</a>                       |
| CIELab                              | <a href="#">59.59, 18.19, -20.12</a>           |
| CIELCh                              | <a href="#">60, 27.123, 312.105</a>            |
| Yxy                                 | <a href="#">27.6758, 0.2949,<br/>0.2636</a>    |
| Android<br>(android.graphics.Color) | <a href="#">4288644787<br/>(0xFF9F86B3)</a>    |
| YUV                                 | <a href="#">146.6050, 15.9707,<br/>10.8704</a> |
| Hunter-Lab                          | <a href="#">52.6078, 12.9842,<br/>-15.4209</a> |

# Details

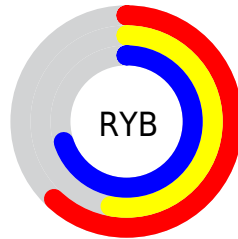
The Hex color **9F86B3** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **9AB386**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **D6BBEB**, and **6B547E** is the 20% darker color. If you saturate the color by 10%, you get **9774B3**, and if you desaturate by 10%, it is **A798B3**.

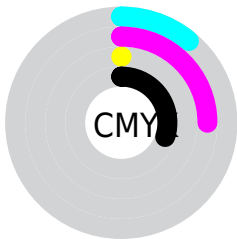
# Distribution



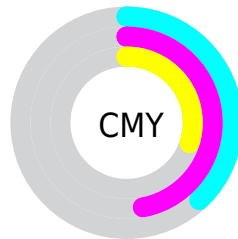
- Red (62%)
- Green (53%)
- Blue (70%)



- Red (62%)
- Yellow (53%)
- Blue (70%)



- Cyan (11%)
- Magenta (25%)
- Yellow (0%)
- Black (30%)



- Cyan (38%)
- Magenta (47%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9F86B3 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 9F86B3 by changing the saturation by 10% instead.



 9F86B3

 9F86B3

FFFFFF

 856D98

 D6BBEB

 6B547E

 F3D7FF

 523D65

 FFF4FF

 3B274D

 241236

 120021

 000005

 000000

 9F86B3

 9F86B3

9774B3

A798B3

8F62B3

AFAAB3

8750B3

B7BCB3

7F3EB3

BFCEB3

772DB3

C7DFB3

6F1BB3

CFF1B3

6709B3

D7FFB3

6300B3

DFFF B3

E7FFB3

# Harmonies

## Analogous

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



7F8EBE



9F86B3



B67F9F

# Triad

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



9F86B3



AD8963



489D99

# Complementary

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



9F86B3



9AB386

# 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.



609C80



9F86B3



969161

# Square

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



9F86B3



BB8271



7C986B



439BAF

# Rectangle

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



9F86B3



BD7E8F



7C986B



4F9D90



# Sweetspot

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



9F86B3



E0D5E8



869AB3



706A75



F5F5F5



757575



# Same Dimension

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



9F86B3



C9A2E8



B386B1



555059



550099



0E001A



# Inverse Universe

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



B3869A



E8A2C1



86B388



595054



990044

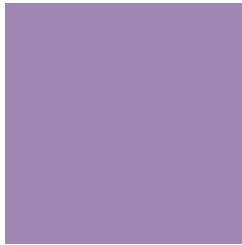


1A000B



# Previews

## White Background



This preview shows how the Hex color 9F86B3 looks on a white background.

## Color Contrast Check

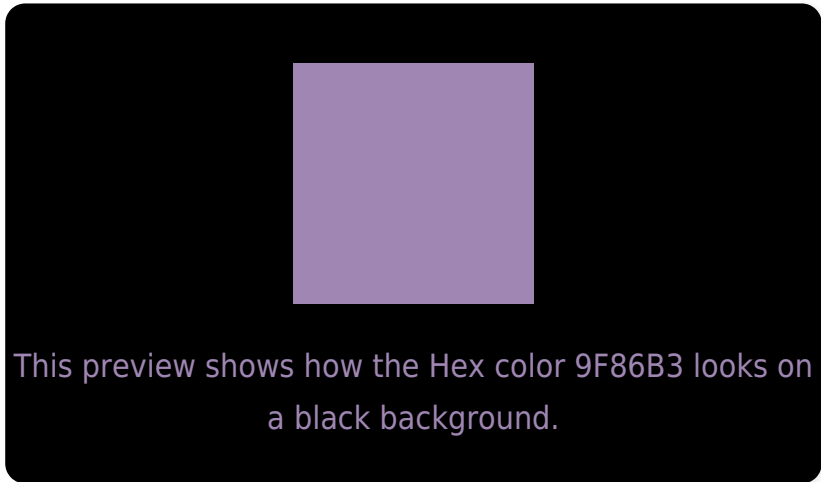
Large Text (above 18pt) WCAG AA ✓ Pass

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

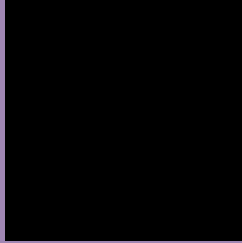
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9F86B3 Background



This preview shows how black text looks on a background with the Hex color 9F86B3.



This preview shows how white text looks on a background with the Hex color 9F86B3.

# 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](#).

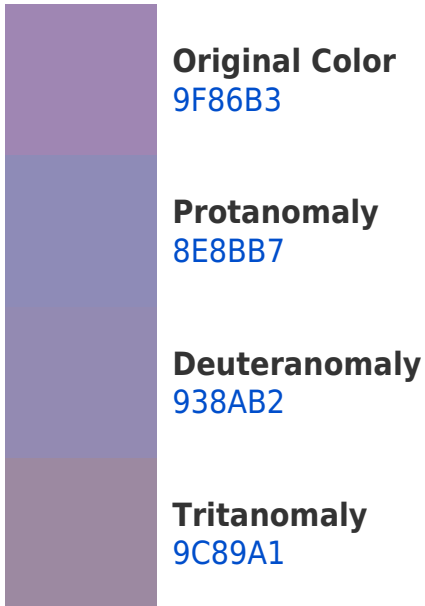
## Dichromacy





**Tritanopia**  
9A8B96

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9F86B3 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 #9F86B3 looks like.

```
.text, #text, p{  
    color:#9F86B3  
}
```

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 #9F86B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9F86B3
}
```

## Border

The CSS property to change the border of an element to Hex 9F86B3 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
#9F86B3 }
```

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

```
.border{ border-color:#9F86B3 }
```

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

Here you see how a box with a 4 pixel #9F86B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9F86B3; -webkit-box-shadow:4px 4px  
4px 4px #9F86B3; box-shadow:4px 4px 4px  
4px #9F86B3 }
```

# Background

The CSS property to change the background color of an element to Hex 9F86B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9F86B3 }
```

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

```
.background{ background-color:#9F86B3 }
```

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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