

# Converting Colors

Hex(9B96C1)

Have a look what the booklet for  
Hex(9B96C1) contains.

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# Color

**Hex(9B96C1)**

# Conversions

Conversions Part 1	
Format	Color
Hex	9B96C1
RGB	155, 150, 193
RGB Percent	61%, 59%, 76%
CMY	0.3922, 0.4118, 0.2431
CMYK	0.20, 0.22, 0.00, 0.24
HSL	247°, 26%, 67%
HSV	247°, 22%, 76%
XYZ	34.0496, 32.6315, 54.9560
YIQ	156.3970, -10.8230, 14.4330

# Conversions

## Conversions Part 2

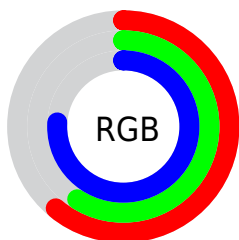
Format	Color
<a href="#">RYB</a>	<a href="#">155, 150, 193</a>
Decimal	<a href="#">10196673</a>
CIELab	<a href="#">63.86, 10.88, -21.55</a>
CIELCh	<a href="#">64, 24.137, 296.788</a>
Yxy	<a href="#">32.6315, 0.2799, 0.2683</a>
Android (android.graphics.Color)	<a href="#">4288386753</a> (0xFF9B96C1)
YUV	<a href="#">156.3970, 18.0453, -1.2252</a>
Hunter-Lab	<a href="#">57.1240, 6.4304, -17.0530</a>

# Details

The Hex color **9B96C1** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **BCC196**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **D2CCFA**, and **67638B** is the 20% darker color. If you saturate the color by 10%, you get **8A83C1**, and if you desaturate by 10%, it is **ACA9C1**.

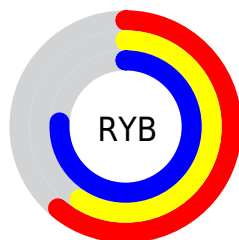
# Distribution



Red (61%)

Green (59%)

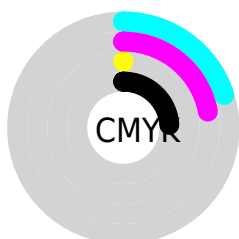
Blue (76%)



Red (61%)

Yellow (59%)

Blue (76%)

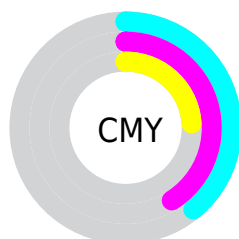


Cyan (20%)

Magenta (22%)

Yellow (0%)

Black (24%)



Cyan (39%)

Magenta (41%)

Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9B96C1 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 9B96C1 by changing the saturation by 10% instead.



 9B96C1

 9B96C1

FFFFFF

 817CA6

 D2CCFA

 67638B

 EEE8FF

 4F4B72

 373559

 202042

 0B082B

 000116

 000000

 9B96C1

 9B96C1

 8A83C1

 ACA9C1

 796FC1

 BDBDC1

 685CC1

 CED0C1

 5749C1

 DFE3C1

 4636C1

 F0F7C1

 3522C1

 FFFFC1

 240FC1

 1600C1

# Harmonies

## Analogous

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



7D9DC5



9B96C1



B48FB3

# Triad

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



9B96C1



BE9177



67A798

# Complementary

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



9B96C1



BCC196

# 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.



7DA483



9B96C1



AD9970

# Square

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



9B96C1



C68C88



969F74



5BA6AD

# Rectangle

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



9B96C1



C08CA5



969F74



6EA690



# Sweetspot

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



9B96C1



EAE8FA



96BDC1



74737D



FCFCFC



7D7D7D



# Same Dimension

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



9B96C1



BEB6FA



B096C1



585761



1300A1



040021



# Inverse Universe

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



C196BC



FAB6F2



A7C196



615760



A1008E



21001D



# Previews

## White Background



This preview shows how the Hex color 9B96C1 looks on a white background.

## Color Contrast Check

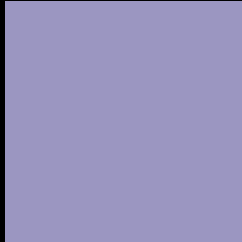
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 9B96C1 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

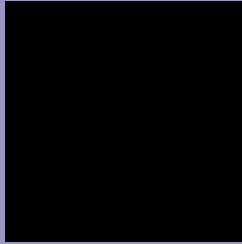
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9B96C1 Background



This preview shows how black text looks on a background with the Hex color 9B96C1.



This preview shows how white text looks on a background with the Hex color 9B96C1.

# 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**

9B96C1

**Protanopia**

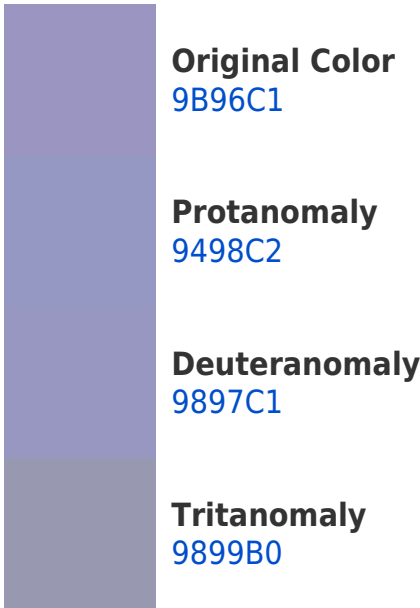
9099C3

**Deuteranopia**

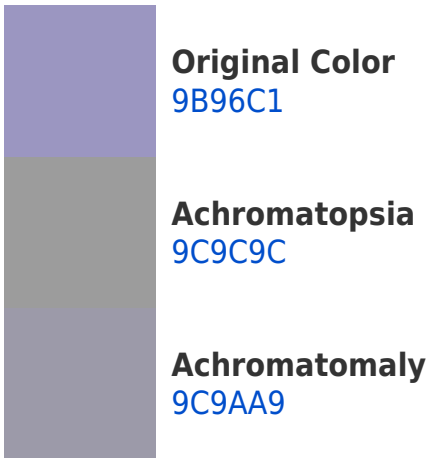
9698C1



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9B96C1 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 #9B96C1 looks like.

```
.text, #text, p{  
    color:#9B96C1  
}
```

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 #9B96C1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B96C1
}
```

## Border

The CSS property to change the border of an element to Hex 9B96C1 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
#9B96C1 }
```

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

```
.border{ border-color:#9B96C1 }
```

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

Here you see how a box with a 4 pixel #9B96C1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B96C1; -webkit-box-shadow:4px 4px  
4px 4px #9B96C1; box-shadow:4px 4px 4px  
4px #9B96C1 }
```

# Background

The CSS property to change the background color of an element to Hex 9B96C1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B96C1 }
```

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

```
.background{ background-color:#9B96C1 }
```

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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