

# Converting Colors

Hex(9B96BD)

Have a look what the booklet for  
Hex(9B96BD) contains.

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# **Color**

**Hex(9B96BD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9B96BD
RGB	155, 150, 189
RGB Percent	61%, 59%, 74%
CMY	0.3922, 0.4118, 0.2588
CMYK	0.18, 0.21, 0.00, 0.26
HSL	248°, 23%, 66%
HSV	248°, 21%, 74%
XYZ	33.6092, 32.4554, 52.6372
YIQ	155.9410, -9.5390, 13.1890

# Conversions

## Conversions Part 2

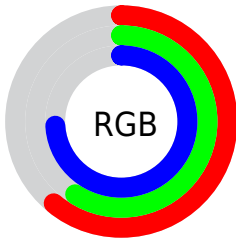
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	155, 150, 189
Decimal	10196669
CIE Lab	63.72, 9.96, -19.52
CIE LCh	64, 21.917, 297.032
Yxy	32.4554, 0.2831, 0.2734
Android (android.graphics.Color)	4288386749 (0xFF9B96BD)
YUV	155.9410, 16.2981, -0.8253
Hunter-Lab	56.9696, 5.6092, -14.9024

# Details

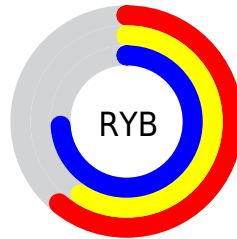
The Hex color **9B96BD** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **B8BD96**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **D2CCF5**, and **676388** is the 20% darker color. If you saturate the color by 10%, you get **8B83BD**, and if you desaturate by 10%, it is **ABA9BD**.

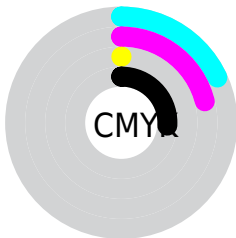
# Distribution



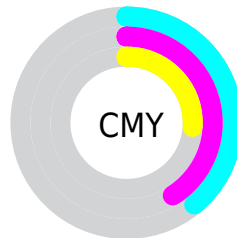
- Red (61%)
- Green (59%)
- Blue (74%)



- Red (61%)
- Yellow (59%)
- Blue (74%)



- Cyan (18%)
- Magenta (21%)
- Yellow (0%)
- Black (26%)



- Cyan (39%)
- Magenta (41%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9B96BD 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 9B96BD by changing the saturation by 10% instead.



■ 9B96BD

■ 9B96BD

FFFFFF

■ 817CA2

■ D2CCF5

■ 676388

■ EEE8FF

■ 4F4B6E

■ 373556

■ 21203E

■ 0C0828

■ 000113

■ 000000

■ 9B96BD

■ 9B96BD

8B83BD

ABA9BD

7A70BD

BCBCBD

6A5DBD

CCCFBD

594ABD

DDE2BD

4938BD

EDF5BD

3825BD

FEFFBD

2812BD

FFFFBD

1800BD

# Harmonies

## Analogous

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



809DC1



9B96BD



B290B0

# Triad

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



9B96BD



BB927A



6CA598

# Complementary

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



9B96BD



B8BD96

# 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.



80A385



9B96BD



AB9874

# Square

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



9B96BD



C28D89



969F77



62A5AB

# Rectangle

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



9B96BD



BC8DA4



969F77



72A591



# Sweetspot

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



9B96BD



E8E6F5



96B8BD



73727A



FAFAFA



7A7A7A



# Same Dimension

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



9B96BD



BFB8F5



AE96BD



56555E



14009E



04001F



# Inverse Universe

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



BD96B8



F5B8ED



A5BD96



5E555D



9E008A

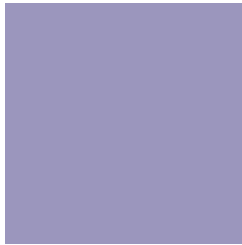


1F001B



# Previews

## White Background



This preview shows how the Hex color 9B96BD looks on a white background.

## Color Contrast Check

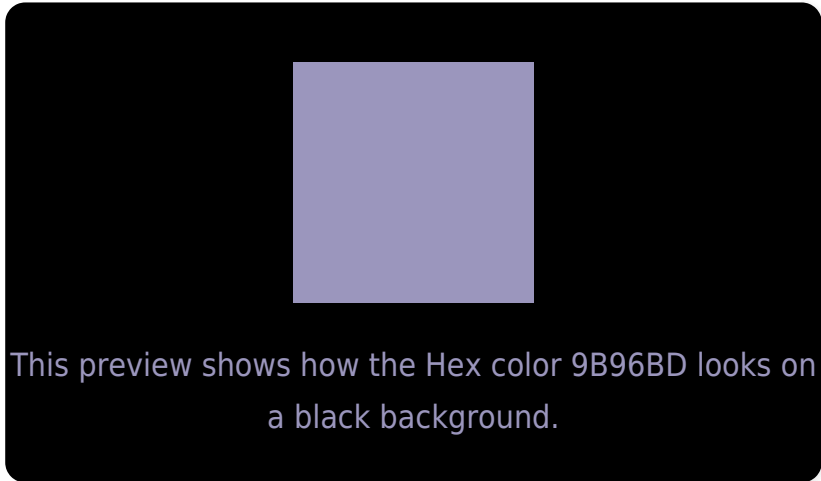
Large Text (above 18pt) WCAG AA × Fail

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

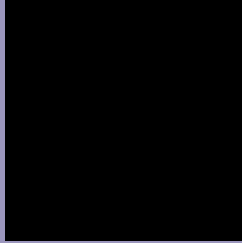
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9B96BD Background



This preview shows how black text looks on a background with the Hex color 9B96BD.




This preview shows how white text looks on a background with the Hex color 9B96BD.

# 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**  
979AA6

# Trichromacy



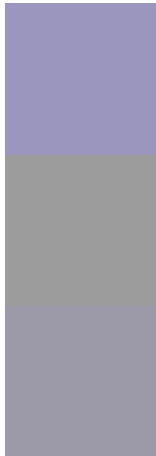
**Original Color**  
9B96BD

**Protanomaly**  
9598BE

**Deuteranomaly**  
9997BD

**Tritanomaly**  
9899AE

# Monochromacy



**Original Color**  
9B96BD

**Achromatopsia**  
9C9C9C

**Achromatomaly**  
9C9AA8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9B96BD 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 #9B96BD looks like.

```
.text, #text, p{  
    color:#9B96BD  
}
```

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 #9B96BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B96BD
}
```

## Border

The CSS property to change the border of an element to Hex 9B96BD 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
#9B96BD }
```

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

```
.border{ border-color:#9B96BD }
```

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

Here you see how a box with a 4 pixel #9B96BD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B96BD; -webkit-box-shadow:4px 4px  
4px 4px #9B96BD; box-shadow:4px 4px 4px  
4px #9B96BD }
```

# Background

The CSS property to change the background color of an element to Hex 9B96BD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B96BD }
```

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

```
.background{ background-color:#9B96BD }
```

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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