

# Converting Colors

Hex(9B99B6)

Have a look what the booklet for  
Hex(9B99B6) contains.

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# **Color**

**Hex(9B99B6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9B99B6
RGB	155, 153, 182
RGB Percent	61%, 60%, 71%
CMY	0.3922, 0.4000, 0.2863
CMYK	0.15, 0.16, 0.00, 0.29
HSL	244°, 17%, 66%
HSV	244°, 16%, 71%
XYZ	33.3523, 33.1284, 48.8925
YIQ	156.9040, -8.1170, 9.4430

# Conversions

## Conversions Part 2

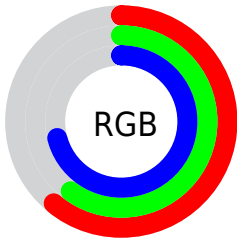
Format	Color
<a href="#">RYB</a>	<a href="#">155, 153, 182</a>
Decimal	<a href="#">10197430</a>
CIELab	<a href="#">64.26, 6.70, -14.77</a>
CIElCh	<a href="#">64, 16.214, 294.404</a>
Yxy	<a href="#">33.1284, 0.2891, 0.2871</a>
Android (android.graphics.Color)	<a href="#">4288387510</a> ( <a href="#">0xFF9B99B6</a> )
YUV	<a href="#">156.9040, 12.3723, -1.6698</a>
Hunter-Lab	<a href="#">57.5573, 2.7088, -10.0743</a>

# Details

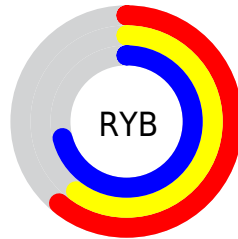
The Hex color **9B99B6** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **B4B699**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **D2CFEE**, and **686681** is the 20% darker color. If you saturate the color by 10%, you get **8A87B6**, and if you desaturate by 10%, it is **ACABB6**.

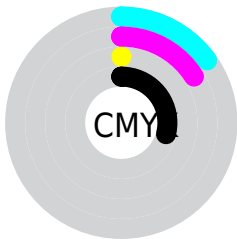
# Distribution



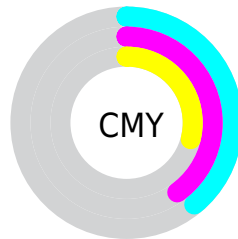
- Red (61%)
- Green (60%)
- Blue (71%)



- Red (61%)
- Yellow (60%)
- Blue (71%)



- Cyan (15%)
- Magenta (16%)
- Yellow (0%)
- Black (29%)



- Cyan (39%)
- Magenta (40%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9B99B6 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 9B99B6 by changing the saturation by 10% instead.





9B99B6



9B99B6

FFFFFF



817F9B



D2CFEE



686681



EEECFF



4F4E68



383750



222239



0E0C23



00000C



000000



9B99B6



9B99B6

8A87B6

ACABB6

7975B6

BDBDB6

6862B6

CED0B6

5750B6

DFE2B6

463EB6

F0F4B6

352CB6

FFFFB6

241AB6

1307B6

0D00B6

# Harmonies

## Analogous

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



889EB8



9B99B6



AC95AD

# Triad

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



9B99B6



B59585



7CA498

# Complementary

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



9B99B6



B4B699

# 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.



8AA28B



9B99B6



AA9A7F

# Square

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



9B99B6



BA9290



9A9F81



75A4A7

# Rectangle

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



9B99B6



B492A4



9A9F81



80A494



# Sweetspot

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



9B99B6



E2E1ED



99B4B6



717178



F7F7F7



787878



# Same Dimension

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



9B99B6



C3C0ED



A999B6



53535C



0B009C



02001C



# Inverse Universe

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



B699B4



EDC0EA



A6B699



5C535B



9C0091



1C001A



# Previews

## White Background



This preview shows how the Hex color 9B99B6 looks on a white background.

## Color Contrast Check

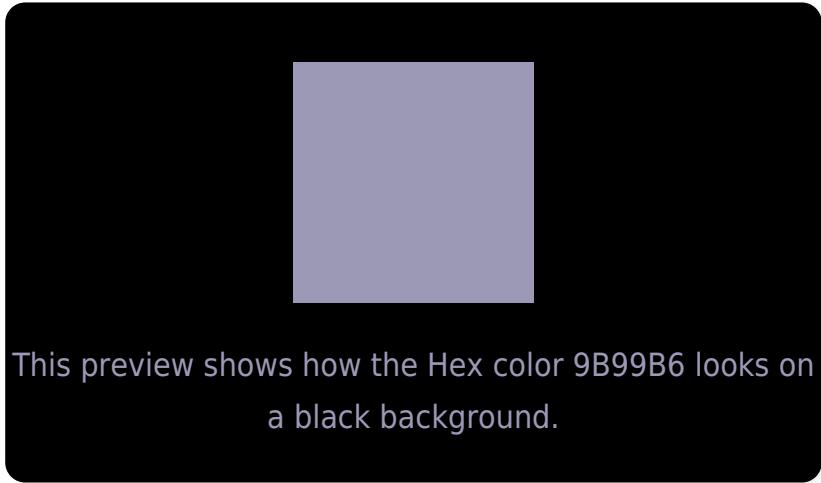
Large Text (above 18pt) WCAG AA × Fail

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

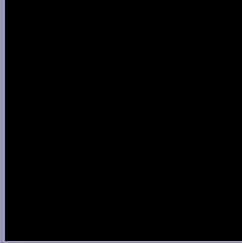
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9B99B6 Background



This preview shows how black text looks on a background with the Hex color 9B99B6.



This preview shows how white text looks on a background with the Hex color 9B99B6.

# 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**  
9B99B6

**Protanopia**  
969AB7

**Deuteranopia**  
9E98B6



**Tritanopia**  
999BA8

# Trichromacy



**Original Color**  
9B99B6

**Protanomaly**  
989AB7

**Deuteranomaly**  
9D98B6

**Tritanomaly**  
9A9AAD

# Monochromacy



**Original Color**  
9B99B6

**Achromatopsia**  
9D9D9D

**Achromatomaly**  
9C9CA6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9B99B6 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 #9B99B6 looks like.

```
.text, #text, p{  
    color:#9B99B6  
}
```

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 #9B99B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B99B6
}
```

## Border

The CSS property to change the border of an element to Hex 9B99B6 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
#9B99B6 }
```

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

```
.border{ border-color:#9B99B6 }
```

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

Here you see how a box with a 4 pixel #9B99B6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B99B6; -webkit-box-shadow:4px 4px  
4px 4px #9B99B6; box-shadow:4px 4px 4px  
4px #9B99B6 }
```

# Background

The CSS property to change the background color of an element to Hex 9B99B6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B99B6 }
```

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

```
.background{ background-color:#9B99B6 }
```

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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