

# Converting Colors

Hex(9B80A5)

Have a look what the booklet for  
Hex(9B80A5) contains.

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# **Color**

**Hex(9B80A5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9B80A5
RGB	155, 128, 165
RGB Percent	61%, 50%, 65%
CMY	0.3922, 0.4980, 0.3529
CMYK	0.06, 0.22, 0.00, 0.35
HSL	284°, 17%, 57%
HSV	284°, 22%, 65%
XYZ	28.0283, 25.1235, 38.9694
YIQ	140.2910, 4.2150, 17.2310

# Conversions

## Conversions Part 2

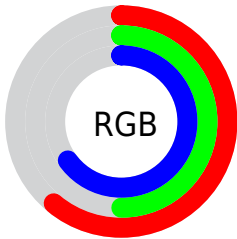
<b>Format</b>	<b>Color</b>
<b>RYB</b>	155, 128, 165
Decimal	10191013
CIELab	57.20, 17.31, -15.80
CIELCh	57, 23.434, 317.606
Yxy	25.1235, 0.3043, 0.2727
Android (android.graphics.Color)	4288381093 (0xFF9B80A5)
YUV	140.2910, 12.1815, 12.8998
Hunter-Lab	50.1234, 12.0988, -11.0098

# Details

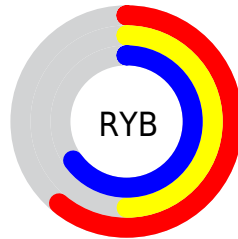
The Hex color **9B80A5** is a light color, and the websafe version is hex **996699**. A complement of this color would be **8AA580**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **D2B5DC**, and **674F71** is the 20% darker color. If you saturate the color by 10%, you get **976FA5**, and if you desaturate by 10%, it is **9F90A5**.

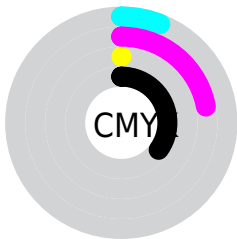
# Distribution



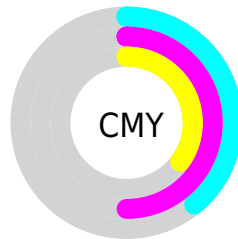
- Red (61%)
- Green (50%)
- Blue (65%)



- Red (61%)
- Yellow (50%)
- Blue (65%)



- Cyan (6%)
- Magenta (22%)
- Yellow (0%)
- Black (35%)



- Cyan (39%)
- Magenta (50%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9B80A5 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 9B80A5 by changing the saturation by 10% instead.



9B80A5

9B80A5

FFFFFF

81678B

D2B5DC

674F71

EED1F9

4F3859

FFEDFF

382241

220D2B

010016

000000

9B80A5

9B80A5

976FA5

9F90A5

925FA5

A4A1A5

8E4EA5

A8B1A5

893EA5

ADC2A5

852DA5

B1D2A5

801DA5

B6E3A5

7C0CA5

BAF3A5

7800A5

BFFFA5

C3FFA5

# Harmonies

## Analogous

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



8187B0



9B80A5



AC7B93

# Triad

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



9B80A5



A08562



4D9595

# Complementary

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



9B80A5



8AA580

# 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.



5D9480



9B80A5



8C8C62

# Square

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



9B80A5



AE7F6C



74916D



4E93A7

# Rectangle

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



9B80A5



B27A85



74916D



51958E



# Sweetspot

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



9B80A5



D2C7D6



808AA5



69636B



EBEBEB



6B6B6B



# Same Dimension

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



9B80A5



C79CD6



A5809D



4F4952



6A0091



0D0012



# Inverse Universe

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



A5808A



D69CAC



80A588



52494C



910027

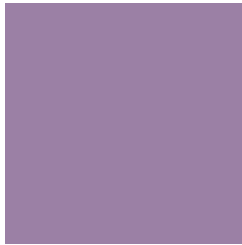


120005



# Previews

## White Background



This preview shows how the Hex color 9B80A5 looks on a white background.

## Color Contrast Check

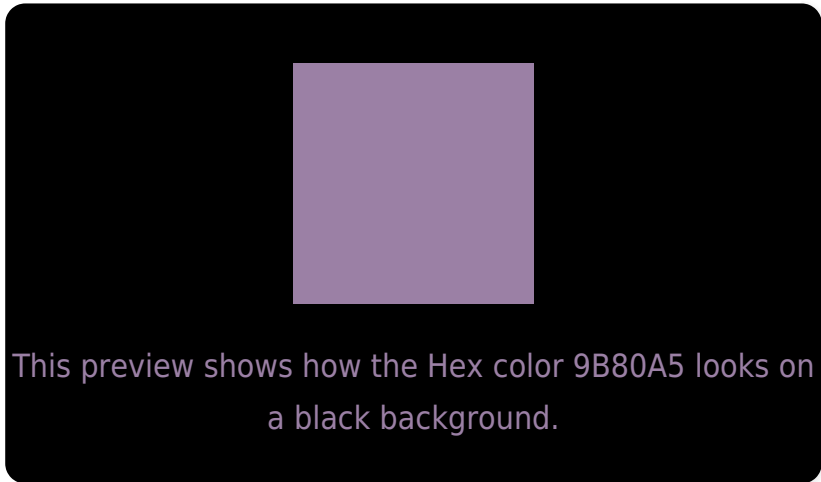
Large Text (above 18pt) WCAG AA ✓ Pass

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

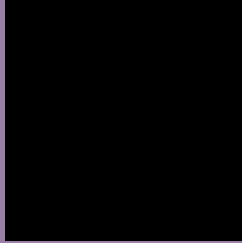
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9B80A5 Background



This preview shows how black text looks on a background with the Hex color 9B80A5.

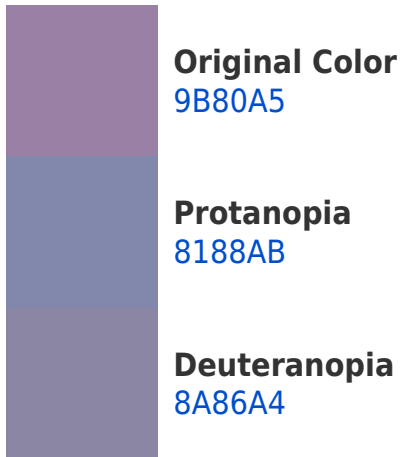


This preview shows how white text looks on a background with the Hex color 9B80A5.

# 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**  
98848E

# Trichromacy



**Original Color**  
9B80A5

**Protanomaly**  
8A85A9

**Deuteranomaly**  
9084A4

**Tritanomaly**  
998396

# Monochromacy



**Original Color**  
9B80A5

**Achromatopsia**  
8C8C8C

**Achromatomaly**  
918895

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9B80A5 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 #9B80A5 looks like.

```
.text, #text, p{  
    color:#9B80A5  
}
```

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 #9B80A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B80A5
}
```

## Border

The CSS property to change the border of an element to Hex 9B80A5 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
#9B80A5 }
```

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

```
.border{ border-color:#9B80A5 }
```

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

Here you see how a box with a 4 pixel #9B80A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B80A5; -webkit-box-shadow:4px 4px  
4px 4px #9B80A5; box-shadow:4px 4px 4px  
4px #9B80A5 }
```

# Background

The CSS property to change the background color of an element to Hex 9B80A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B80A5 }
```

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

```
.background{ background-color:#9B80A5 }
```

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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