

# Converting Colors

Hex(9B7898)

Have a look what the booklet for  
Hex(9B7898) contains.

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**Color**

**Hex(9B7898)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9B7898
RGB	155, 120, 152
RGB Percent	61%, 47%, 60%
CMY	0.3922, 0.5294, 0.4039
CMYK	0.00, 0.23, 0.02, 0.39
HSL	305°, 15%, 54%
HSV	305°, 23%, 61%
XYZ	25.9015, 22.6685, 32.7161
YIQ	134.1130, 10.5880, 17.3720

# Conversions

## Conversions Part 2

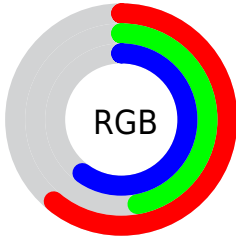
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	155, 120, 152
Decimal	10188952
CIE <sub>Lab</sub>	54.73, 19.30, -12.01
CIE <sub>LCh</sub>	55, 22.729, 328.104
Yxy	22.6685, 0.3186, 0.2789
Android (android.graphics.Color)	4288379032 (0xFF9B7898)
YUV	134.1130, 8.8183, 18.3179
Hunter-Lab	47.6115, 13.7874, -7.4129

# Details

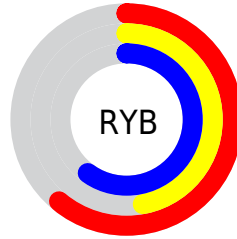
The Hex color **9B7898** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **789B7B**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **D2ADCE**, and **674765** is the 20% darker color. If you saturate the color by 10%, you get **9B6997**, and if you desaturate by 10%, it is **9B8899**.

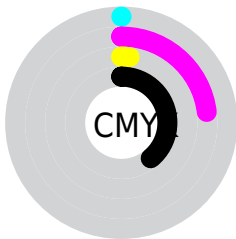
# Distribution



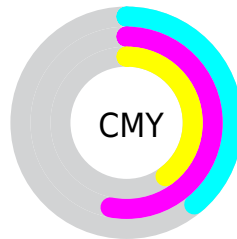
- Red (61%)
- Green (47%)
- Blue (60%)



- Red (61%)
- Yellow (47%)
- Blue (60%)



- Cyan (0%)
- Magenta (23%)
- Yellow (2%)
- Black (39%)



- Cyan (39%)
- Magenta (53%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9B7898 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 9B7898 by changing the saturation by 10% instead.



9B7898

9B7898

FFFFFF

815F7E

D2ADCE

674765

EEC8EB

4F304D

FFE4FF

381B36

220321

000007

000000

9B7898

9B7898

9B6997

9B8899

 9B5995

 9B979B

 9B4A94

 9BA79C

 9B3A93

 9BB69D

 9B2A91

 9BC59F

 9B1B90

 9BD5A0

 9B0C8F

 9BE4A1

 9B008E

 9BF4A3

 9BFFA4

# Harmonies

## Analogous

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



847EA6



9B7898



A87585

# Triad

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



9B7898



92815C



478D95

# Complementary

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



9B7898



789B7B

# 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.



528E81



9B7898



7E8760

# Square

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



9B7898



A27B62



678C6E



508AA4

# Rectangle

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



9B7898



AB7578



678C6E



498E8E



# Sweetspot

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



9B7898



C9BBC8



7B789B



665E65



E6E6E6



666666



# Same Dimension

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



9B7898



C993C5



9B7887



4D454C



8C0080



0D000C



# Inverse Universe

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



9B7898



C993C5



789B8C



4D454C



8C0080

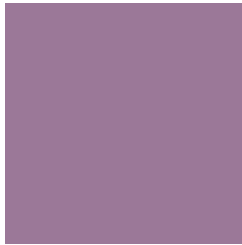


0D000C



# Previews

## White Background



This preview shows how the Hex color 9B7898 looks on a white background.

## Color Contrast Check

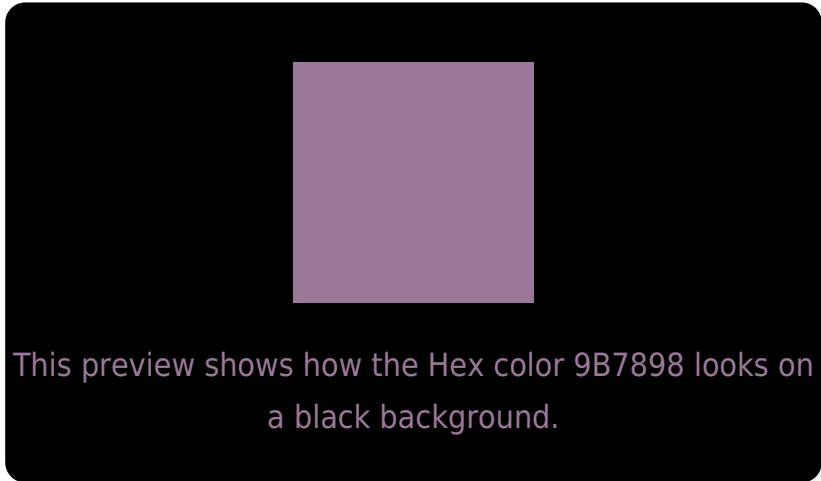
Large Text (above 18pt) WCAG AA ✓ Pass

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

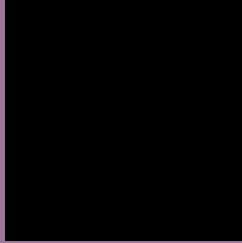
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9B7898 Background



This preview shows how black text looks on a background with the Hex color 9B7898.



This preview shows how white text looks on a background with the Hex color 9B7898.

# 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**  
9B7898

**Protanopia**  
7D829F

**Deuteranopia**  
878097



**Tritanopia**  
987B85

# Trichromacy



**Original Color**  
9B7898

**Protanomaly**  
887E9C

**Deuteranomaly**  
8E7D97

**Tritanomaly**  
997A8C

# Monochromacy



**Original Color**  
9B7898

**Achromatopsia**  
868686

**Achromatomaly**  
8E818D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9B7898 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 #9B7898 looks like.

```
.text, #text, p{  
    color:#9B7898  
}
```

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 #9B7898 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B7898
}
```

## Border

The CSS property to change the border of an element to Hex 9B7898 is called "border". The border property can be set on classes, ids or directly on the HTML element.

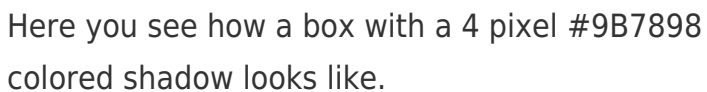
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9B7898 }
```

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

```
.border{ border-color:#9B7898 }
```

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



Here you see how a box with a 4 pixel #9B7898 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B7898; -webkit-box-shadow:4px 4px  
4px 4px #9B7898; box-shadow:4px 4px 4px  
4px #9B7898 }
```

# Background

The CSS property to change the background color of an element to Hex 9B7898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B7898 }
```

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

```
.background{ background-color:#9B7898 }
```

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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