

# Converting Colors

Hex(9B6D76)

Have a look what the booklet for  
Hex(9B6D76) contains.

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**Color**

**Hex(9B6D76)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9B6D76
RGB	155, 109, 118
RGB Percent	61%, 43%, 46%
CMY	0.3922, 0.5725, 0.5373
CMYK	0.00, 0.30, 0.24, 0.39
HSL	348°, 19%, 52%
HSV	348°, 30%, 61%
XYZ	22.2562, 19.2138, 19.6752
YIQ	123.7800, 24.5270, 12.5510

# Conversions

## Conversions Part 2

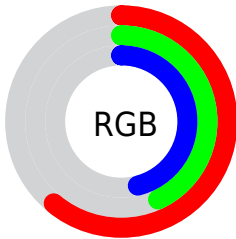
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	155, 109, 118
Decimal	10186102
CIE <sub>Lab</sub>	50.94, 19.66, 2.34
CIE <sub>LCh</sub>	51, 19.801, 6.778
Yxy	19.2138, 0.3640, 0.3142
Android (android.graphics.Color)	4288376182 (0xFF9B6D76)
YUV	123.7800, -2.8495, 27.3799
Hunter-Lab	43.8336, 13.9234, 4.0706

# Details

The Hex color **9B6D76** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **6D9B92**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **D2A1AA**, and **673D46** is the 20% darker color. If you saturate the color by 10%, you get **9B5E6A**, and if you desaturate by 10%, it is **9B7C82**.

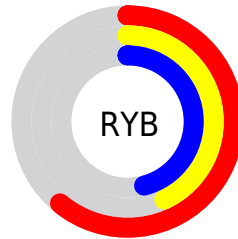
# Distribution



Red (61%)

Green (43%)

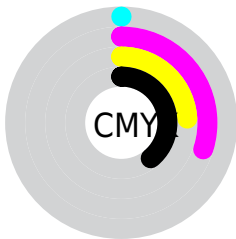
Blue (46%)



Red (61%)

Yellow (43%)

Blue (46%)

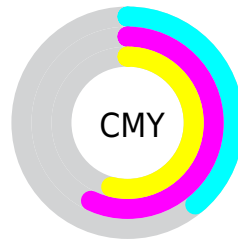


Cyan (0%)

Magenta (30%)

Yellow (24%)

Black (39%)



Cyan (39%)

Magenta (57%)

Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9B6D76 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 9B6D76 by changing the saturation by 10% instead.



 9B6D76

 9B6D76

FFFFFF

 80545D

 D2A1AA

 673D46

 EFBC5

 4E2630

 FFD8E1

 36111B

 FFF4FE

 230000

 000000

 9B6D76

 9B6D76

 9B5E6A

 9B7C82

 9B4E5D

 9B8C8F

 9B3F51

 9B9B9B

 9B2F44

 9BABA8

 9B2038

 9BBAB4

 9B102B

 9BCAC1

 9B011F

 9BDACD

 9B001E

 9BE9DA

 9BF9E6

# Harmonies

## Analogous

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



926F87



9B6D76



9A6F66

# Triad

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



9B6D76



6F7E5E



547F98

# Complementary

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



9B6D76



6D9B92

# 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.



48828D



9B6D76



5C826B

# Square

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



9B6D76



827958



4C837D



6A7A9B

# Rectangle

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



9B6D76



95725E



4C837D



4E8095



# Sweetspot

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



9B6D76



C9B7BB



926D9B



665B5D



E6E6E6



666666



# Same Dimension

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



9B6D76



C9818F



9B7B6D



4D4546



8C001B



0D0002



# Inverse Universe

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



9B6D76



C9818F



6D8D9B



4D4546



8C001B

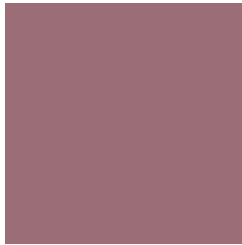


0D0002



# Previews

## White Background



This preview shows how the Hex color 9B6D76 looks on a white background.

## Color Contrast Check

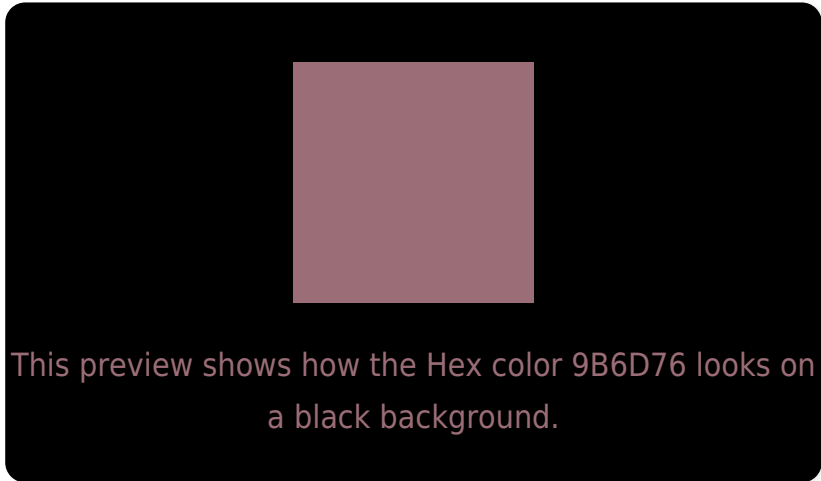
Large Text (above 18pt) WCAG AA ✓ Pass

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 9B6D76 Background



This preview shows how black text looks on a background with the Hex color 9B6D76.

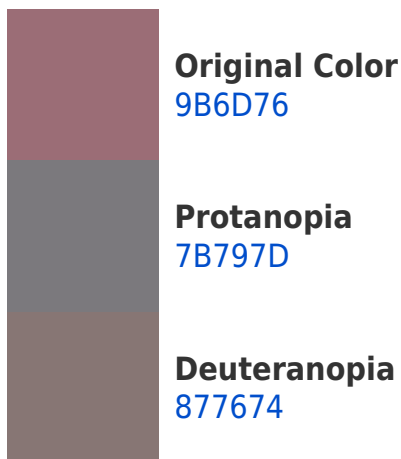



This preview shows how white text looks on a background with the Hex color 9B6D76.

# 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**  
9B6D75

# Trichromacy



**Original Color**  
9B6D76

**Protanomaly**  
87757A

**Deuteranomaly**  
8E7375

**Tritanomaly**  
9B6D75

# Monochromacy



**Original Color**  
9B6D76

**Achromatopsia**  
7C7C7C

**Achromatomaly**  
87777A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9B6D76 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 #9B6D76 looks like.

```
.text, #text, p{  
    color:#9B6D76  
}
```

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 #9B6D76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B6D76
}
```

## Border

The CSS property to change the border of an element to Hex 9B6D76 is called "border". The border property can be set on classes, ids or directly on the HTML element.

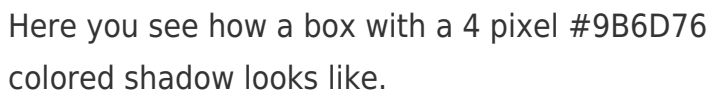
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9B6D76 }
```

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

```
.border{ border-color:#9B6D76 }
```

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



Here you see how a box with a 4 pixel #9B6D76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B6D76; -webkit-box-shadow:4px 4px  
4px 4px #9B6D76; box-shadow:4px 4px 4px  
4px #9B6D76 }
```

# Background

The CSS property to change the background color of an element to Hex 9B6D76 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B6D76 }
```

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

```
.background{ background-color:#9B6D76 }
```

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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