

# Converting Colors

Hex(9B6580)

Have a look what the booklet for  
Hex(9B6580) contains.

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**Color**

**Hex(9B6580)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9B6580
RGB	155, 101, 128
RGB Percent	61%, 40%, 50%
CMY	0.3922, 0.6039, 0.4980
CMYK	0.00, 0.35, 0.17, 0.39
HSL	330°, 21%, 50%
HSV	330°, 35%, 61%
XYZ	22.0675, 17.8344, 22.7014
YIQ	120.2240, 23.5170, 19.8450

# Conversions

## Conversions Part 2

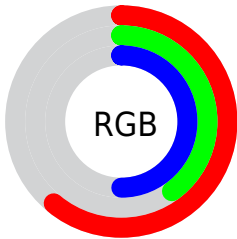
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	155, 101, 128
Decimal	10184064
CIE <sub>Lab</sub>	49.29, 25.87, -6.02
CIE <sub>LCh</sub>	49, 26.557, 346.906
Yxy	17.8344, 0.3525, 0.2849
Android (android.graphics.Color)	4288374144 (0xFF9B6580)
YUV	120.2240, 3.8336, 30.4986
Hunter-Lab	42.2308, 19.3704, -2.3100

# Details

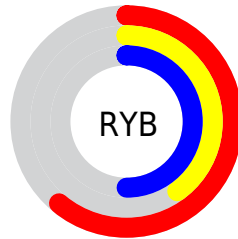
The Hex color **9B6580** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **659B80**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **D299B5**, and **67354F** is the 20% darker color. If you saturate the color by 10%, you get **9B5678**, and if you desaturate by 10%, it is **9B7588**.

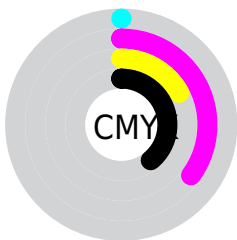
# Distribution



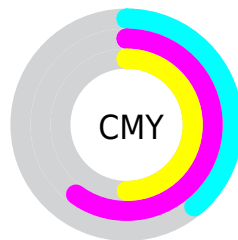
- Red (61%)
- Green (40%)
- Blue (50%)



- Red (61%)
- Yellow (40%)
- Blue (50%)



- Cyan (0%)
- Magenta (35%)
- Yellow (17%)
- Black (39%)



- Cyan (39%)
- Magenta (60%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9B6580 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 9B6580 by changing the saturation by 10% instead.



 9B6580

 9B6580

FFFFFF

 804C67

 D299B5

 67354F

 EFB4D0

 4E1E38

 FFCFED

 360723

 FFECFF

 22000D

 000000

 9B6580

 9B6580

 9B5678

 9B7588

 9B4671

 9B848F

 9B3669

 9B9397

 9B2761

 9BA39F

 9B1759

 9BB3A7

 9B0851

 9BC2AE

 9B004E

 9BD1B6

 9BE1BE

 9BF1C6

# Harmonies

## Analogous

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



886B94



9B6580



A26469

# Triad

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



9B6580



78784A



267F95

# Complementary

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



9B6580



659B80

# 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.



288181



9B6580



5E7D56

# Square

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



9B6580



8D7049



42816A



467AA1

# Rectangle

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



9B6580



9F675B



42816A



22808F



# Sweetspot

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



9B6580



C9B5BF



80659B



665A60



E6E6E6



666666



# Same Dimension

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



9B6580



C9759F



9B6565



4D4549



8C0046



0D0006



# Inverse Universe

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



9B6580



C9759F



659B9B



4D4549



8C0046

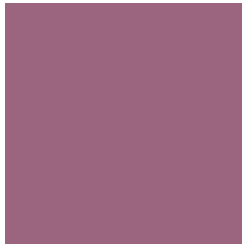


0D0006



# Previews

## White Background



This preview shows how the Hex color 9B6580 looks on a white background.

## Color Contrast Check

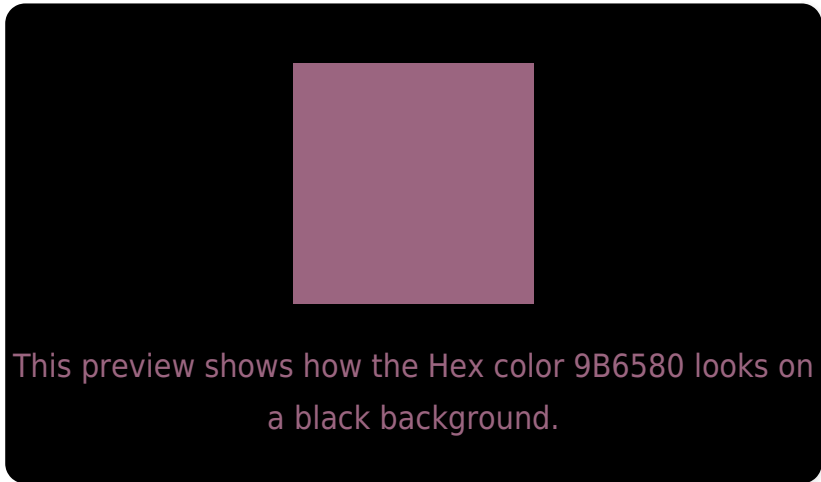
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

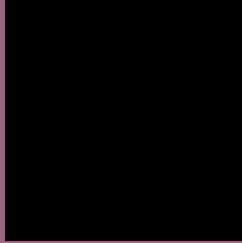
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9B6580 Background



This preview shows how black text looks on a background with the Hex color 9B6580.



This preview shows how white text looks on a background with the Hex color 9B6580.

# 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**  
996870

# Trichromacy



**Original Color**  
9B6580

**Protanomaly**  
806F86

**Deuteranomaly**  
886D7F

**Tritanomaly**  
9A6776

# Monochromacy



**Original Color**  
9B6580

**Achromatopsia**  
787878

**Achromatomaly**  
85717B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9B6580 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 #9B6580 looks like.

```
.text, #text, p{  
    color:#9B6580  
}
```

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 #9B6580 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B6580
}
```

## Border

The CSS property to change the border of an element to Hex 9B6580 is called "border". The border property can be set on classes, ids or directly on the HTML element.

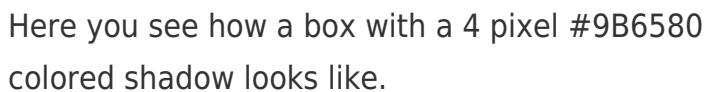
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9B6580 }
```

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

```
.border{ border-color:#9B6580 }
```

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



Here you see how a box with a 4 pixel #9B6580 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B6580; -webkit-box-shadow:4px 4px  
4px 4px #9B6580; box-shadow:4px 4px 4px  
4px #9B6580 }
```

# Background

The CSS property to change the background color of an element to Hex 9B6580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B6580 }
```

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

```
.background{ background-color:#9B6580 }
```

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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