

# Converting Colors

Hex(9B5F81)

Have a look what the booklet for  
Hex(9B5F81) contains.

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# Color

**Hex(9B5F81)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9B5F81
RGB	155, 95, 129
RGB Percent	61%, 37%, 51%
CMY	0.3922, 0.6275, 0.4941
CMYK	0.00, 0.39, 0.17, 0.39
HSL	326°, 24%, 49%
HSV	326°, 39%, 61%
XYZ	21.5722, 16.7380, 22.8626
YIQ	116.8160, 24.8460, 23.2940

# Conversions

## Conversions Part 2

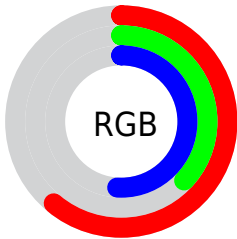
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	155, 95, 129
Decimal	10182529
CIE Lab	47.93, 29.44, -8.65
CIE LCh	48, 30.685, 343.621
Yxy	16.7380, 0.3526, 0.2736
Android (android.graphics.Color)	4288372609 (0xFF9B5F81)
YUV	116.8160, 6.0067, 33.4874
Hunter-Lab	40.9121, 22.5239, -4.4943

# Details

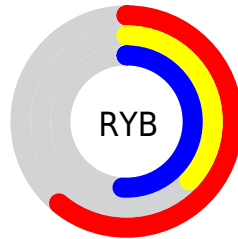
The Hex color **9B5F81** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **5F9B79**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **D393B6**, and **662F50** is the 20% darker color. If you saturate the color by 10%, you get **9B507A**, and if you desaturate by 10%, it is **9B6E88**.

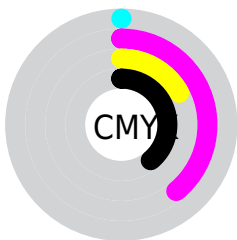
# Distribution



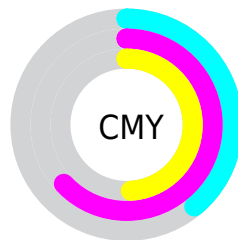
- Red (61%)
- Green (37%)
- Blue (51%)



- Red (61%)
- Yellow (37%)
- Blue (51%)



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



- Cyan (39%)
- Magenta (63%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9B5F81 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 9B5F81 by changing the saturation by 10% instead.





9B5F81



9B5F81

FFFFFF



804668



D393B6



662F50



EFADD1



4D1739



FFC9EE



350023



FFE5FF



20000D



000000



9B5F81



9B5F81



9B507A



9B6E88



9B4074



9B7E8E

 9B316D

 9B8E95

 9B2166

 9B9D9C

 9B125F

 9BADA3

 9B0259

 9BBCA9

 9B0058

 9BCBB0

 9BDBB7

 9BEBBD

# Harmonies

## Analogous

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



836797



9B5F81



A45D67

# Triad

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



9B5F81



77743E



007E95

# Complementary

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



9B5F81



5F9B79

# 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.



007F7D



9B5F81



5A7B4B

# Square

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



9B5F81



8F6B40



387E62



2D78A3

# Rectangle

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



9B5F81



A26056



387E62



007F8E



# Sweetspot

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



9B5F81



C9B1BF



795F9B



665860



E6E6E6



666666



# Same Dimension

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



9B5F81



C96DA1



9B5F63



4D4549



8C004F



0D0007



# Inverse Universe

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



9B5F81



C96DA1



5F9B97



4D4549



8C004F

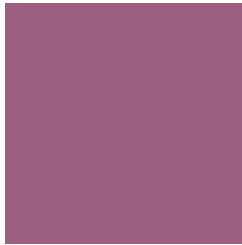


0D0007



# Previews

## White Background



This preview shows how the Hex color 9B5F81 looks on a white background.

## Color Contrast Check

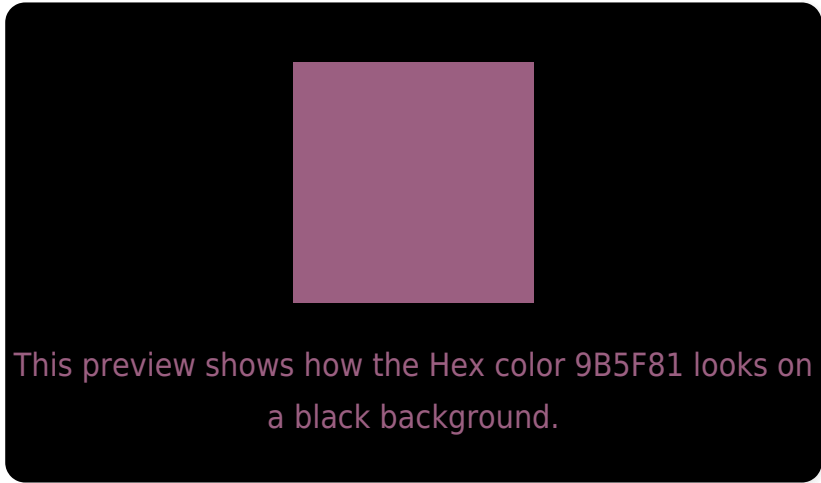
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

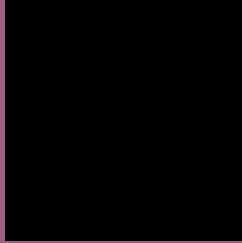
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 9B5F81 Background



This preview shows how black text looks on a background with the Hex color 9B5F81.



This preview shows how white text looks on a background with the Hex color 9B5F81.

# 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](#).

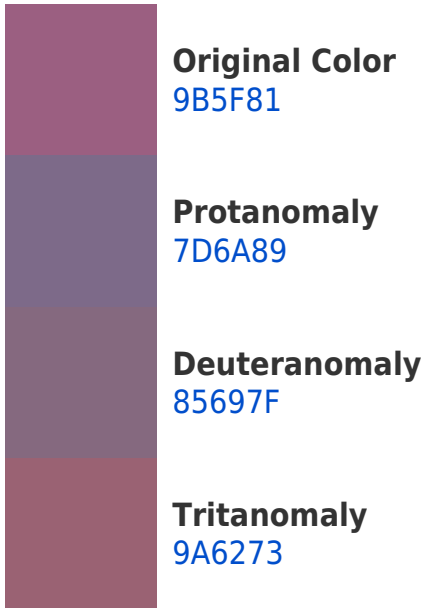
## Dichromacy





**Tritanopia**  
99636B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9B5F81 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 #9B5F81 looks like.

```
.text, #text, p{  
    color:#9B5F81  
}
```

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 #9B5F81 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B5F81
}
```

## Border

The CSS property to change the border of an element to Hex 9B5F81 is called "border". The border property can be set on classes, ids or directly on the HTML element.

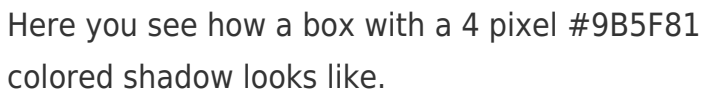
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9B5F81 }
```

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

```
.border{ border-color:#9B5F81 }
```

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



Here you see how a box with a 4 pixel #9B5F81 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B5F81; -webkit-box-shadow:4px 4px  
4px 4px #9B5F81; box-shadow:4px 4px 4px  
4px #9B5F81 }
```

# Background

The CSS property to change the background color of an element to Hex 9B5F81 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B5F81 }
```

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

```
.background{ background-color:#9B5F81 }
```

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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