

# Converting Colors

Hex(9B5B7B)

Have a look what the booklet for  
Hex(9B5B7B) contains.

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# Color

**Hex(9B5B7B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9B5B7B
RGB	155, 91, 123
RGB Percent	61%, 36%, 48%
CMY	0.3922, 0.6431, 0.5176
CMYK	0.00, 0.41, 0.21, 0.39
HSL	330°, 26%, 48%
HSV	330°, 41%, 61%
XYZ	20.8338, 15.8808, 20.7061
YIQ	113.7840, 27.8720, 23.5200

# Conversions

## Conversions Part 2

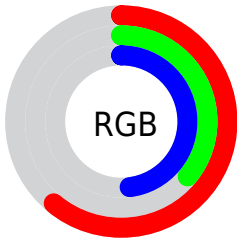
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	155, 91, 123
Decimal	10181499
CIE <sub>Lab</sub>	46.82, 30.71, -6.71
CIE <sub>LCh</sub>	47, 31.430, 347.681
Yxy	15.8808, 0.3628, 0.2766
Android (android.graphics.Color)	4288371579 (0xFF9B5B7B)
YUV	113.7840, 4.5435, 36.1464
Hunter-Lab	39.8507, 23.5804, -2.9111

# Details

The Hex color **9B5B7B** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **5B9B7B**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **D38EAF**, and **662B4A** is the 20% darker color. If you saturate the color by 10%, you get **9B4C73**, and if you desaturate by 10%, it is **9B6B83**.

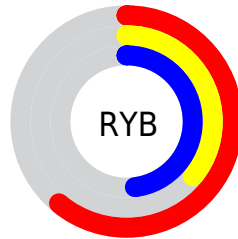
# Distribution



Red (61%)

Green (36%)

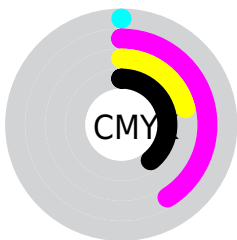
Blue (48%)



Red (61%)

Yellow (36%)

Blue (48%)

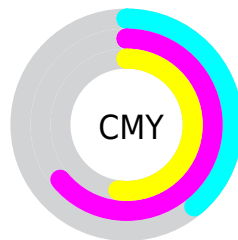


Cyan (0%)

Magenta (41%)

Yellow (21%)

Black (39%)



Cyan (39%)

Magenta (64%)

Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9B5B7B 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 9B5B7B by changing the saturation by 10% instead.



 9B5B7B

 9B5B7B

FFFFFF

 804262

 D38EAF

 662B4A

 F0A9CB

 4D1334

 FFC5E7

 34001F

 FFE1FF

 1E0004

FFFEFF

 000000

 9B5B7B

 9B5B7B

 9B4C73

 9B6B83

 9B3C6C

 9B7A8B

 9B2D64

 9B8A92

 9B1D5C

 9B999A

 9B0E54

 9BA9A2

 9B004E

 9BB8AA

 9BC8B1

 9BD7B9

 9BE7C1

# Harmonies

## Analogous

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



856293



9B5B7B



A25A60

# Triad

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



9B5B7B



70723B



007A95

# Complementary

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



9B5B7B



5B9B7B

# 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.



007D7E



9B5B7B



52794A

# Square

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



9B5B7B



896A3B



2C7C63



2E75A2

# Rectangle

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



9B5B7B



9F5E50



2C7C63



007C8E



# Sweetspot

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



9B5B7B



C9B1BD



7B5B9B



66585F



E6E6E6



666666



# Same Dimension

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



9B5B7B



C96597



9B5B5B



4D4549



8C0046



0D0006



# Inverse Universe

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



9B5B7B



C96597



5B9B9B



4D4549



8C0046

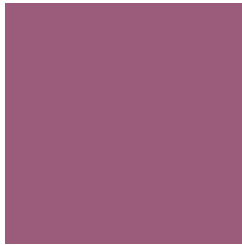


0D0006



# Previews

## White Background



This preview shows how the Hex color 9B5B7B looks on a white background.

## Color Contrast Check

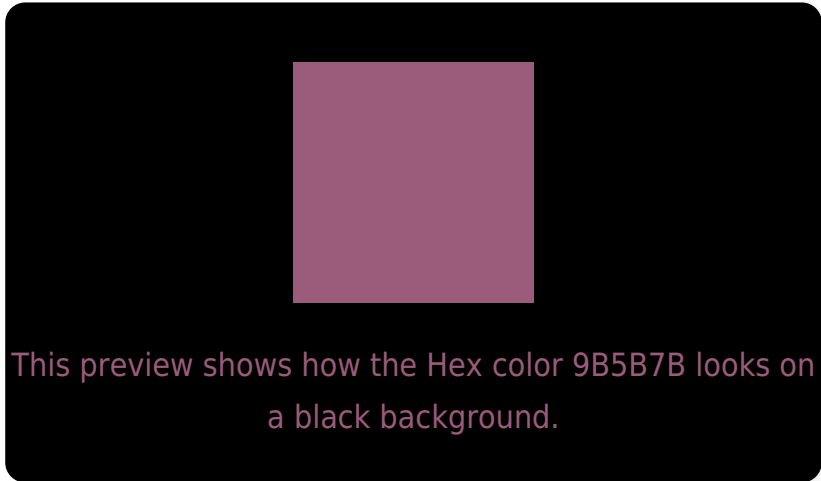
Large Text (above 18pt) WCAG AA ✓ Pass

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 9B5B7B Background



This preview shows how black text looks on a background with the Hex color 9B5B7B.



This preview shows how white text looks on a background with the Hex color 9B5B7B.

# 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**  
995F66

# Trichromacy



**Original Color**  
9B5B7B

**Protanomaly**  
7C6783

**Deuteranomaly**  
836679

**Tritanomaly**  
9A5E6E

# Monochromacy



**Original Color**  
9B5B7B

**Achromatopsia**  
727272

**Achromatomaly**  
816A75

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9B5B7B 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 #9B5B7B looks like.

```
.text, #text, p{  
    color:#9B5B7B  
}
```

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 #9B5B7B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B5B7B
}
```

## Border

The CSS property to change the border of an element to Hex 9B5B7B is called "border". The border property can be set on classes, ids or directly on the HTML element.

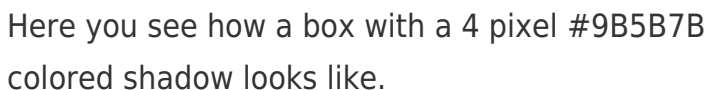
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9B5B7B }
```

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

```
.border{ border-color:#9B5B7B }
```

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



Here you see how a box with a 4 pixel #9B5B7B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B5B7B; -webkit-box-shadow:4px 4px  
4px 4px #9B5B7B; box-shadow:4px 4px 4px  
4px #9B5B7B }
```

# Background

The CSS property to change the background color of an element to Hex 9B5B7B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B5B7B }
```

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

```
.background{ background-color:#9B5B7B }
```

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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