

# Converting Colors

Hex(9B5D8A)

Have a look what the booklet for  
Hex(9B5D8A) contains.

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# Color

**Hex(9B5D8A)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | 9B5D8A                     |
| RGB           | 155, 93, 138               |
| RGB Percent   | 61%, 36%, 54%              |
| CMY           | 0.3922, 0.6353, 0.4588     |
| CMYK          | 0.00, 0.40, 0.11, 0.39     |
| HSL           | 316°, 25%, 49%             |
| HSV           | 316°, 40%, 61%             |
| XYZ           | 22.0194, 16.6322, 26.0946  |
| YIQ           | 116.6680, 22.5070, 27.1390 |

# Conversions

## Conversions Part 2

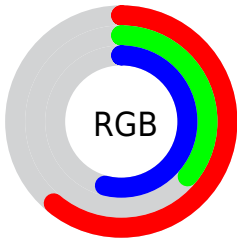
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 155, 93, 138                  |
| Decimal                             | 10182026                      |
| CIE <sub>Lab</sub>                  | 47.79, 32.11, -14.24          |
| CIE <sub>LCh</sub>                  | 48, 35.130, 336.084           |
| Yxy                                 | 16.6322, 0.3401,<br>0.2569    |
| Android<br>(android.graphics.Color) | 4288372106<br>(0xFF9B5D8A)    |
| YUV                                 | 116.6680, 10.5167,<br>33.6172 |
| Hunter-Lab                          | 40.7826, 25.0061,<br>-9.3885  |

# Details

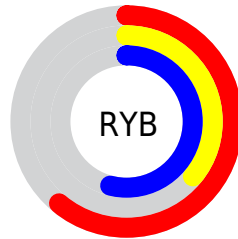
The Hex color **9B5D8A** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **5D9B6E**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **D391BF**, and **662C58** is the 20% darker color. If you saturate the color by 10%, you get **9B4E86**, and if you desaturate by 10%, it is **9B6C8E**.

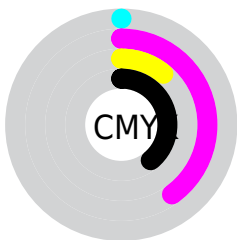
# Distribution



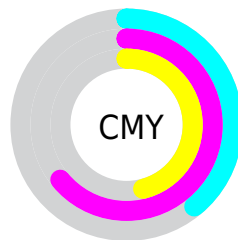
- Red (61%)
- Green (36%)
- Blue (54%)



- Red (61%)
- Yellow (36%)
- Blue (54%)



- Cyan (0%)
- Magenta (40%)
- Yellow (11%)
- Black (39%)



- Cyan (39%)
- Magenta (64%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9B5D8A 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 9B5D8A by changing the saturation by 10% instead.



9B5D8A

9B5D8A

FFFFFF

804471

D391BF

662C58

EFACDB

4D1441

FFC7F8

35002A

FFE3FF

200016

000000

9B5D8A

9B5D8A

9B4E86

9B6C8E

9B3E81

9B7C92

 9B2F7D

 9B8B97

 9B1F79

 9B9B9B

 9B0F75

 9BAB9F

 9B0070

 9BBAA4

 9BCAA8

 9BD9AC

 9BE8B0

# Harmonies

## Analogous

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



7C67A1



9B5D8A



A9596C

# Triad

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



9B5D8A



7E7235



008093

# Complementary

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



9B5D8A



5D9B6E

# 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.



008177



9B5D8A



5E7A40

# Square

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



9B5D8A



97673B



377F58



007BA7

# Rectangle

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



9B5D8A



A95B59



377F58



00808A



# Sweetspot

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



9B5D8A



C9B1C3



6E5D9B



665862



E6E6E6



666666



# Same Dimension

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



9B5D8A



C969AF



9B5D6B



4D454A



8C0066



0D0009



# Inverse Universe

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



9B5D8A



C969AF



5D9B8D



4D454A



8C0066

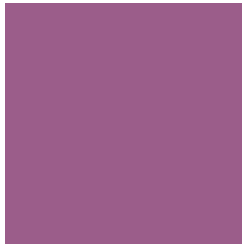


0D0009



# Previews

## White Background



This preview shows how the Hex color 9B5D8A looks on a white background.

## Color Contrast Check

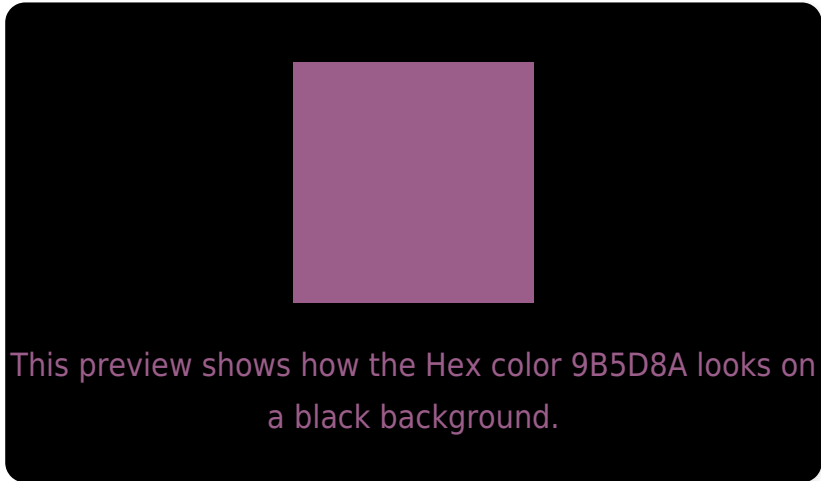
Large Text (above 18pt) WCAG AA ✓ Pass

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

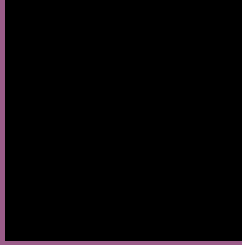
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 9B5D8A Background



This preview shows how black text looks on a background with the Hex color 9B5D8A.

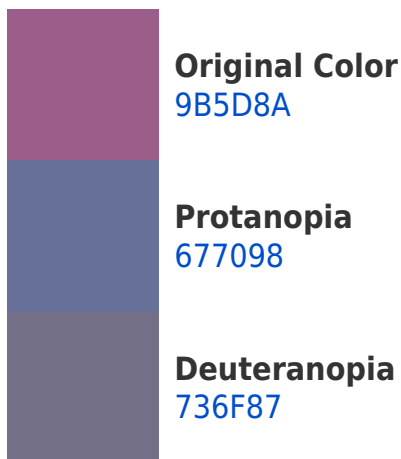


This preview shows how white text looks on a background with the Hex color 9B5D8A.

# 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**  
97636B

# Trichromacy



**Original Color**  
9B5D8A

**Protanomaly**  
7A6993

**Deuteranomaly**  
826888

**Tritanomaly**  
986176

# Monochromacy



**Original Color**  
9B5D8A

**Achromatopsia**  
757575

**Achromatomaly**  
836C7D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9B5D8A 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 #9B5D8A looks like.

```
.text, #text, p{  
    color:#9B5D8A  
}
```

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 #9B5D8A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B5D8A
}
```

## Border

The CSS property to change the border of an element to Hex 9B5D8A 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
#9B5D8A }
```

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

```
.border{ border-color:#9B5D8A }
```

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

Here you see how a box with a 4 pixel #9B5D8A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B5D8A; -webkit-box-shadow:4px 4px  
4px 4px #9B5D8A; box-shadow:4px 4px 4px  
4px #9B5D8A }
```

# Background

The CSS property to change the background color of an element to Hex 9B5D8A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B5D8A }
```

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

```
.background{ background-color:#9B5D8A }
```

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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