

# Converting Colors

Hex(9C6B8D)

Have a look what the booklet for  
Hex(9C6B8D) contains.

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# Color

**Hex(9C6B8D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9C6B8D
RGB	156, 107, 141
RGB Percent	61%, 42%, 55%
CMY	0.3882, 0.5804, 0.4471
CMYK	0.00, 0.31, 0.10, 0.39
HSL	318°, 20%, 52%
HSV	318°, 31%, 61%
XYZ	23.7757, 19.5064, 27.7113
YIQ	125.5270, 18.2900, 20.9620

# Conversions

## Conversions Part 2

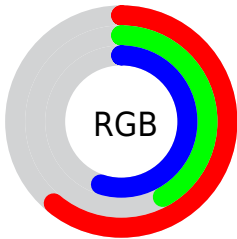
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	156, 107, 141
Decimal	10251149
CIE Lab	51.27, 25.07, -10.75
CIE LCh	51, 27.275, 336.779
Yxy	19.5064, 0.3349, 0.2748
Android (android.graphics.Color)	4288441229 (0xFF9C6B8D)
YUV	125.5270, 7.6282, 26.7248
Hunter-Lab	44.1660, 18.8005, -6.2844

# Details

The Hex color **9C6B8D** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **6B9C7A**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **D39FC3**, and **683B5B** is the 20% darker color. If you saturate the color by 10%, you get **9C5B88**, and if you desaturate by 10%, it is **9C7B92**.

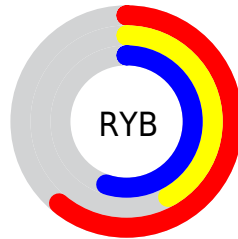
# Distribution



Red (61%)

Green (42%)

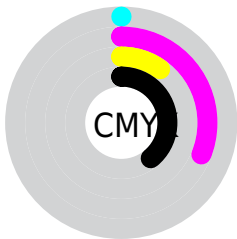
Blue (55%)



Red (61%)

Yellow (42%)

Blue (55%)

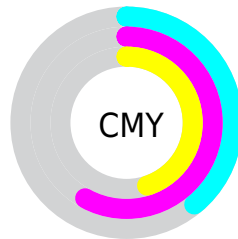


Cyan (0%)

Magenta (31%)

Yellow (10%)

Black (39%)



Cyan (39%)

Magenta (58%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9C6B8D 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 9C6B8D by changing the saturation by 10% instead.





9C6B8D



9C6B8D

FFFFFF



825273



D39FC3



683B5B



F0BADF



4F2443



FFD6FB



370D2D



FFF3FF



240019



000000



9C6B8D



9C6B8D



9C5B88



9C7B92



9C4C83



9C8A97

 9C3C7F

 9C9A9B

 9C2D7A

 9CA9A0

 9C1D75

 9CB9A5

 9C0D70

 9CC9AA

 9C006C

 9CD8AE

 9CE8B3

 9CF7B8

# Harmonies

## Analogous

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



8472A0



9C6B8D



A76876

# Triad

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



9C6B8D



857A4B



248695

# Complementary

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



9C6B8D



6B9C7A

# 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.



33877F



9C6B8D



6B8154

# Square

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



9C6B8D



997250



4F8567



3D81A4

# Rectangle

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



9C6B8D



A86A66



4F8567



25868E



# Sweetspot

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



9C6B8D



CCBAC6



7A6B9C



665B63



E6E6E6



666666



# Same Dimension

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



9C6B8D



CC7EB4



9C6B75



4F474D



8F0063



0F000B



# Inverse Universe

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



9C6B8D



CC7EB4



6B9C92



4F474D



8F0063

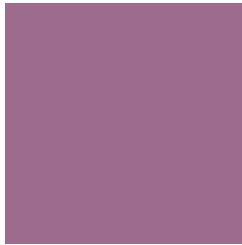


0F000B



# Previews

## White Background



This preview shows how the Hex color 9C6B8D looks on a white background.

## Color Contrast Check

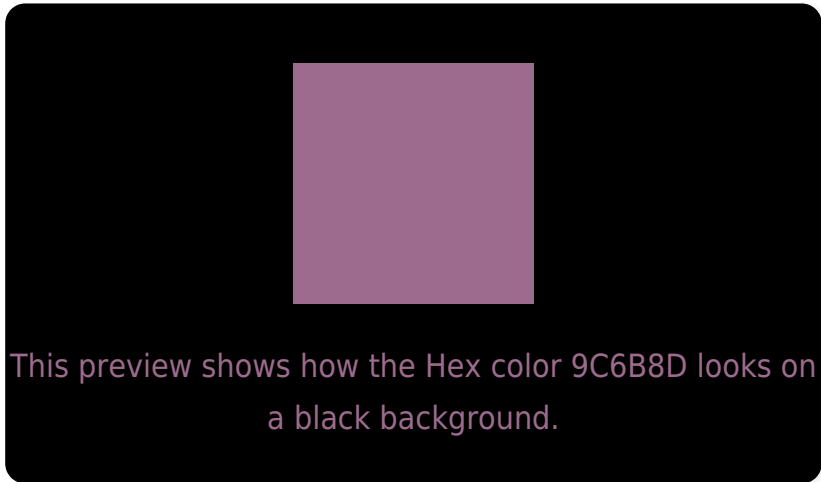
Large Text (above 18pt) WCAG AA ✓ Pass

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

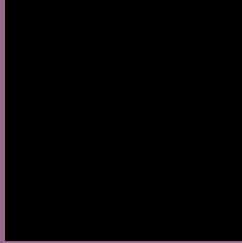
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9C6B8D Background



This preview shows how black text looks on a background with the Hex color 9C6B8D.



This preview shows how white text looks on a background with the Hex color 9C6B8D.

# 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**  
996F77

# Trichromacy



**Original Color**  
9C6B8D

**Protanomaly**  
837493

**Deuteranomaly**  
8A738C

**Tritanomaly**  
9A6E7F

# Monochromacy



**Original Color**  
9C6B8D

**Achromatopsia**  
7E7E7E

**Achromatomaly**  
897783

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9C6B8D 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 #9C6B8D looks like.

```
.text, #text, p{  
    color:#9C6B8D  
}
```

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 #9C6B8D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C6B8D
}
```

## Border

The CSS property to change the border of an element to Hex 9C6B8D is called "border". The border property can be set on classes, ids or directly on the HTML element.

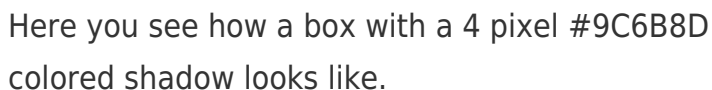
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9C6B8D }
```

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

```
.border{ border-color:#9C6B8D }
```

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



Here you see how a box with a 4 pixel #9C6B8D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C6B8D; -webkit-box-shadow:4px 4px  
4px 4px #9C6B8D; box-shadow:4px 4px 4px  
4px #9C6B8D }
```

# Background

The CSS property to change the background color of an element to Hex 9C6B8D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C6B8D }
```

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

```
.background{ background-color:#9C6B8D }
```

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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