

# Converting Colors

Hex(9C5B97)

Have a look what the booklet for  
Hex(9C5B97) contains.

<b>Hex(9C5B97)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(9C5B97)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9C5B97
RGB	156, 91, 151
RGB Percent	61%, 36%, 59%
CMY	0.3882, 0.6431, 0.4078
CMYK	0.00, 0.42, 0.03, 0.39
HSL	305°, 26%, 48%
HSV	305°, 42%, 61%
XYZ	23.0373, 16.7845, 31.3037
YIQ	117.2750, 19.4800, 32.4400

# Conversions

## Conversions Part 2

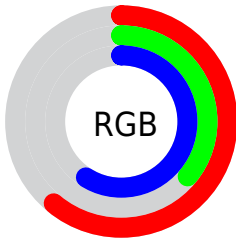
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	156, 91, 151
Decimal	10247063
CIE <sub>Lab</sub>	47.99, 35.94, -21.68
CIE <sub>LCh</sub>	48, 41.970, 328.903
Yxy	16.7845, 0.3239, 0.2360
Android (android.graphics.Color)	4288437143 (0xFF9C5B97)
YUV	117.2750, 16.6264, 33.9618
Hunter-Lab	40.9688, 28.6774, -16.6244

# Details

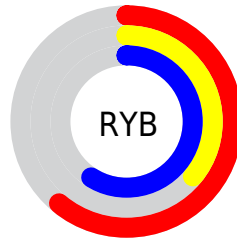
The Hex color **9C5B97** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **5B9C60**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **D48FCD**, and **672A64** is the 20% darker color. If you saturate the color by 10%, you get **9C4B96**, and if you desaturate by 10%, it is **9C6B98**.

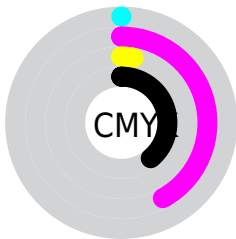
# Distribution



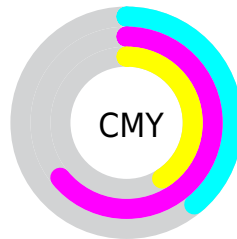
- Red (61%)
- Green (36%)
- Blue (59%)



- Red (61%)
- Yellow (36%)
- Blue (59%)



- Cyan (0%)
- Magenta (42%)
- Yellow (3%)
- Black (39%)



- Cyan (39%)
- Magenta (64%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9C5B97 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 9C5B97 by changing the saturation by 10% instead.



 9C5B97

 9C5B97

FFFFFF

 81427D

 D48FCD

 672A64

 F1AAEA

 4E104C

 FFC5FF

 350035

 FFE2FF

 210020

 000002

 000000

 9C5B97

 9C5B97

 9C4B96

 9C6B98

 9C3C95

 9C7A99

 9C2C93

 9C8A9B

 9C1D92

 9C999C

 9C0D91

 9CA99D

 9C0090

 9CB99E

 9CC89F

 9CD8A1

 9CE7A2

# Harmonies

## Analogous

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



7169B0



9C5B97



B15375

# Triad

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



9C5B97



877027



008393

# Complementary

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



9C5B97



5B9C60

# 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.



00836F



9C5B97



637A31

# Square

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



9C5B97



A26235



34804C



007FAE

# Rectangle

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



9C5B97



B4545D



34804C



008388



# Sweetspot

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



9C5B97



CCB1CA



5F5B9C



665665



E6E6E6



666666



# Same Dimension

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



9C5B97



CC66C4



9C5B77



4F474E



8F0084



0F000E



# Inverse Universe

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



9C5B97



CC66C4



5B9C80



4F474E



8F0084



0F000E



# Previews

## White Background



This preview shows how the Hex color 9C5B97 looks on a white background.

## Color Contrast Check

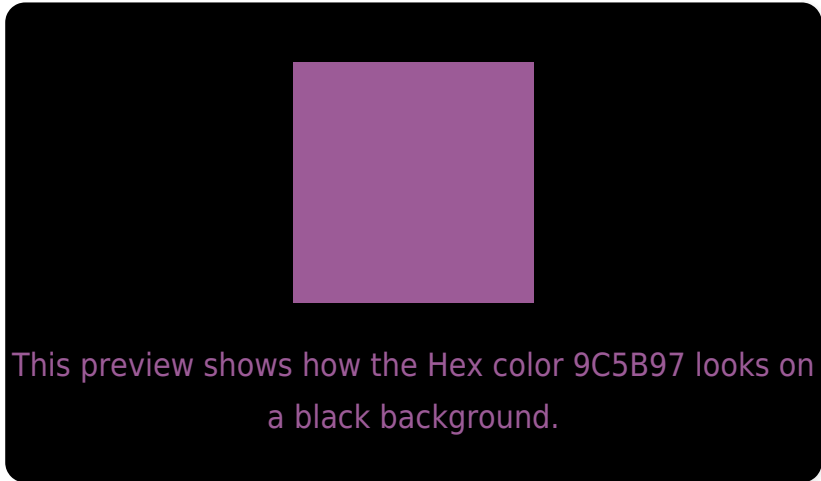
Large Text (above 18pt) WCAG AA ✓ Pass

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

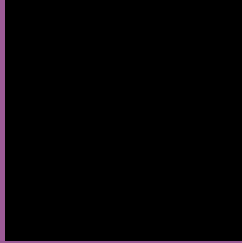
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 9C5B97 Background



This preview shows how black text looks on a background with the Hex color 9C5B97.

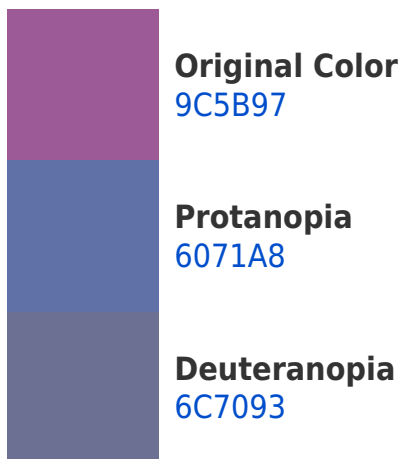



This preview shows how white text looks on a background with the Hex color 9C5B97.

# 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](#).

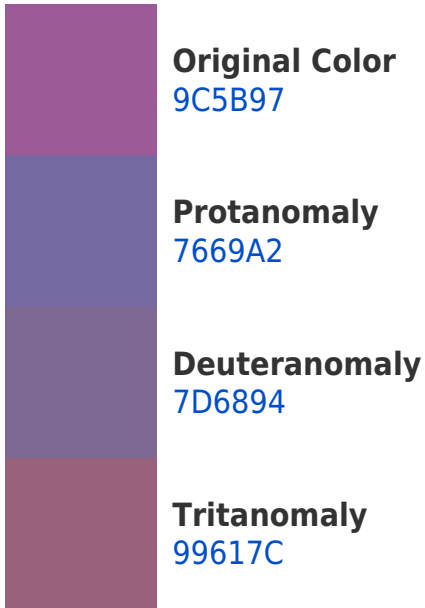
## Dichromacy



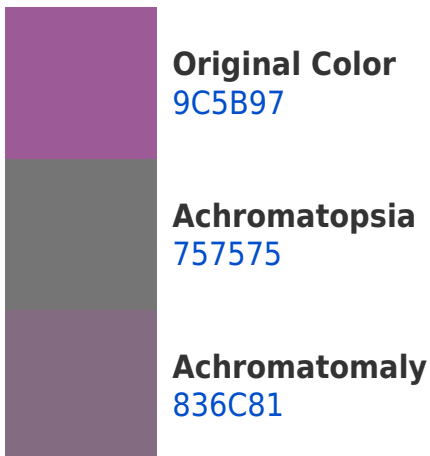


**Tritanopia**  
97646C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9C5B97 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 #9C5B97 looks like.

```
.text, #text, p{  
    color:#9C5B97  
}
```

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 #9C5B97 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C5B97
}
```

## Border

The CSS property to change the border of an element to Hex 9C5B97 is called "border". The border property can be set on classes, ids or directly on the HTML element.

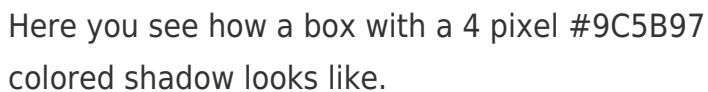
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9C5B97 }
```

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

```
.border{ border-color:#9C5B97 }
```

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



Here you see how a box with a 4 pixel #9C5B97 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C5B97; -webkit-box-shadow:4px 4px  
4px 4px #9C5B97; box-shadow:4px 4px 4px  
4px #9C5B97 }
```

# Background

The CSS property to change the background color of an element to Hex 9C5B97 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C5B97 }
```

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

```
.background{ background-color:#9C5B97 }
```

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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