

# Converting Colors

Hex(9A67AA)

Have a look what the booklet for  
Hex(9A67AA) contains.

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# Color

**Hex(9A67AA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9A67AA
RGB	154, 103, 170
RGB Percent	60%, 40%, 67%
CMY	0.3961, 0.5961, 0.3333
CMYK	0.09, 0.39, 0.00, 0.33
HSL	286°, 28%, 54%
HSV	286°, 39%, 67%
XYZ	25.4324, 19.4728, 40.4484
YIQ	125.8870, 8.8890, 31.6490

# Conversions

## Conversions Part 2

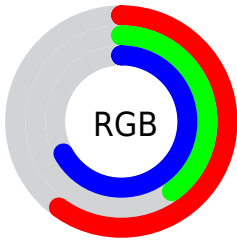
<b>Format</b>	<b>Color</b>
<b>RYB</b>	154, 103, 170
Decimal	10119082
CIELab	51.24, 32.39, -27.85
CIElCh	51, 42.713, 319.307
Yxy	19.4728, 0.2980, 0.2281
Android (android.graphics.Color)	4288309162 (0xFF9A67AA)
YUV	125.8870, 21.7477, 24.6551
Hunter-Lab	44.1280, 25.6513, -23.4565

# Details

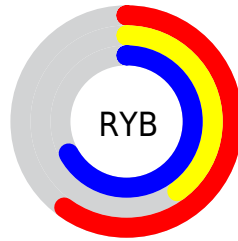
The Hex color **9A67AA** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **77AA67**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **D19BE2**, and **653676** is the 20% darker color. If you saturate the color by 10%, you get **9656AA**, and if you desaturate by 10%, it is **9E78AA**.

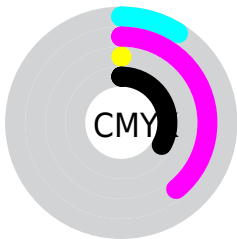
# Distribution



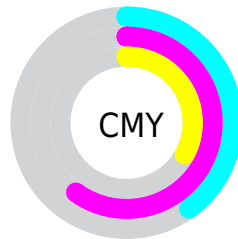
- Red (60%)
- Green (40%)
- Blue (67%)



- Red (60%)
- Yellow (40%)
- Blue (67%)



- Cyan (9%)
- Magenta (39%)
- Yellow (0%)
- Black (33%)



- Cyan (40%)
- Magenta (60%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9A67AA 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 9A67AA by changing the saturation by 10% instead.



 9A67AA

 9A67AA

FFFFFF

 7F4E8F

 D19BE2

 653676

 EEB6FE

 4C1F5D

 FFD2FF

 340645

 FFEFFF

 21002E

 000118

 000000

 9A67AA

 9A67AA

 9656AA

 9E78AA

9245AA

A289AA

8E34AA

A69AAA

8A23AA

AAABAA

8612AA

AEBCAA

8201AA

B2CDAA

8100AA

B6DEAA

BAEFAA

BFFFAA

# Harmonies

## Analogous

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



6676BF



9A67AA



B75C89

# Triad

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



9A67AA



9A7430



008C91

# Complementary

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



9A67AA



77AA67

# 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.



008C6B



9A67AA



787F32

# Square

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



9A67AA



B36644



4D8749



0089B1

# Rectangle

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



9A67AA



BE5A70



4D8749



008C85



# Sweetspot

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



9A67AA



D7C3DE



6778AA



6C6070



F0F0F0



707070



# Same Dimension

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



9A67AA



C576DE



AA6799



524C54



710094



100014



# Inverse Universe

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



AA6777



DE768E



67AA78



544C4E



940023

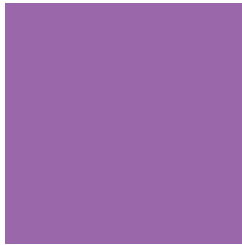


140005



# Previews

## White Background



This preview shows how the Hex color 9A67AA 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

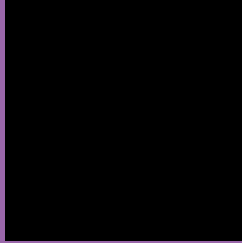
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9A67AA Background



This preview shows how black text looks on a background with the Hex color 9A67AA.

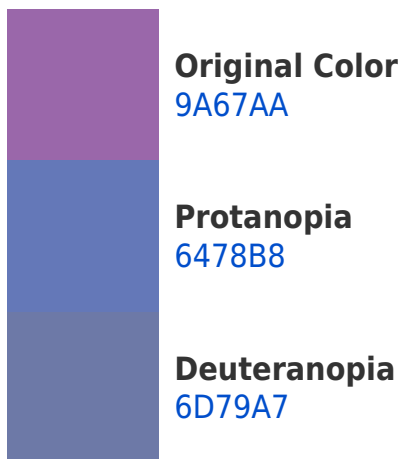


This preview shows how white text looks on a background with the Hex color 9A67AA.

# 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](#).

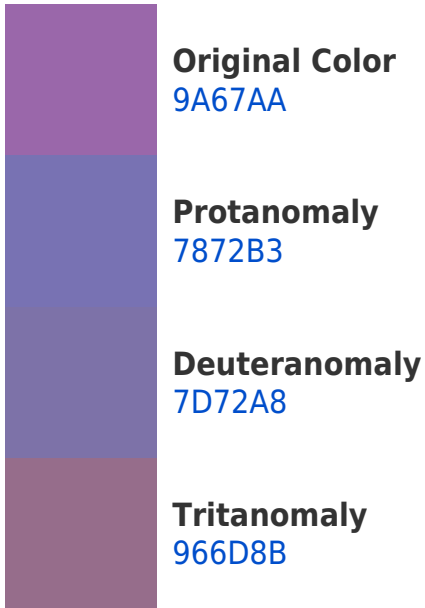
## Dichromacy



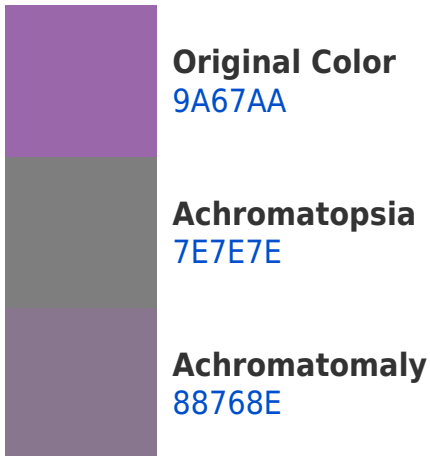


**Tritanopia**  
93717A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9A67AA 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 #9A67AA looks like.

```
.text, #text, p{  
    color:#9A67AA  
}
```

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 #9A67AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A67AA
}
```

## Border

The CSS property to change the border of an element to Hex 9A67AA is called "border". The border property can be set on classes, ids or directly on the HTML element.

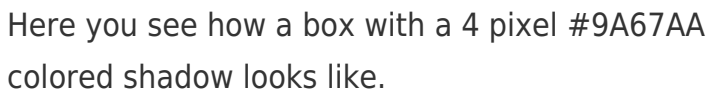
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9A67AA }
```

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

```
.border{ border-color:#9A67AA }
```

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



Here you see how a box with a 4 pixel #9A67AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A67AA; -webkit-box-shadow:4px 4px  
4px 4px #9A67AA; box-shadow:4px 4px 4px  
4px #9A67AA }
```

# Background

The CSS property to change the background color of an element to Hex 9A67AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A67AA }
```

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

```
.background{ background-color:#9A67AA }
```

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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