

Converting Colors

Hex(9C66AB)

Have a look what the booklet for
Hex(9C66AB) contains.

Hex(9C66AB)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(9C66AB)

Conversions

Conversions Part 1

Format	Color
Hex	9C66AB
RGB	156, 102, 171
RGB Percent	61%, 40%, 67%
CMY	0.3882, 0.6000, 0.3294
CMYK	0.09, 0.40, 0.00, 0.33
HSL	287°, 29%, 54%
HSV	287°, 40%, 67%
XYZ	25.8124, 19.5109, 40.9336
YIQ	126.0120, 10.0350, 32.9070

Conversions

Conversions Part 2

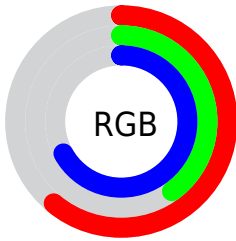
Format	Color
R _Y B	156, 102, 171
Decimal	10249899
CIE Lab	51.28, 33.79, -28.35
CIE LCh	51, 44.108, 320.010
Yxy	19.5109, 0.2992, 0.2262
Android (android.graphics.Color)	4288439979 (0xFF9C66AB)
YUV	126.0120, 22.1791, 26.2995
Hunter-Lab	44.1712, 27.0106, -24.0244

Details

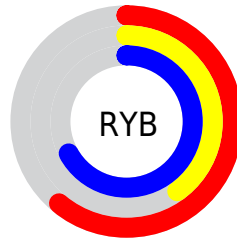
The Hex color **9C66AB** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **75AB66**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **D49AE3**, and **673576** is the 20% darker color. If you saturate the color by 10%, you get **9855AB**, and if you desaturate by 10%, it is **A077AB**.

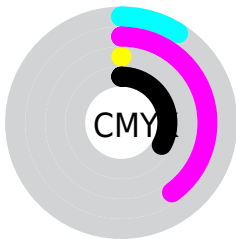
Distribution



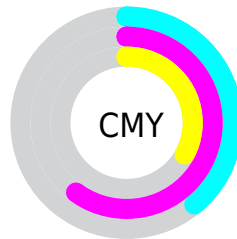
- Red (61%)
- Green (40%)
- Blue (67%)



- Red (61%)
- Yellow (40%)
- Blue (67%)



- Cyan (9%)
- Magenta (40%)
- Yellow (0%)
- Black (33%)



- Cyan (39%)
- Magenta (60%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9C66AB 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 9C66AB by changing the saturation by 10% instead.

9C66AB

9C66AB

FFFFFF

814D90

D49AE3

673576

F0B5FF

4E1D5D

FFD1FF

360446

FFEEFF

22002F

000119

000000

9C66AB

9C66AB

9855AB

A077AB

9544AB

A388AB

9133AB

A799AB

8D22AB

ABAAAB

8911AB

AFBBAB

8600AB

B2CDAB

B6DEAB

BAEFAB

BDFFAB

Harmonies

Analogous

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



6775C1



9C66AB



B95B88

Triad

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



9C66AB



9A742D



008D93

Complementary

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



9C66AB



75AB66

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.



008C6C



9C66AB



77802F

Square

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



9C66AB



B46542



4A8848



008AB3

Rectangle

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



9C66AB



C0596F



4A8848



008D86

Sweetspot

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



9C66AB



D8C3DE



6676AB



6D6070



F0F0F0



707070

Same Dimension

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



9C66AB



C773DE



AB6699



554E57



760096



120017

Inverse Universe

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



AB6675



DE738B



66AB78



574E50



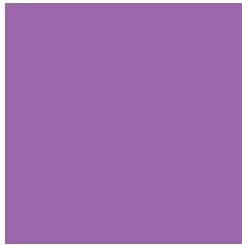
960021



170005

Previews

White Background



This preview shows how the Hex color 9C66AB looks on a white background.

Color Contrast Check

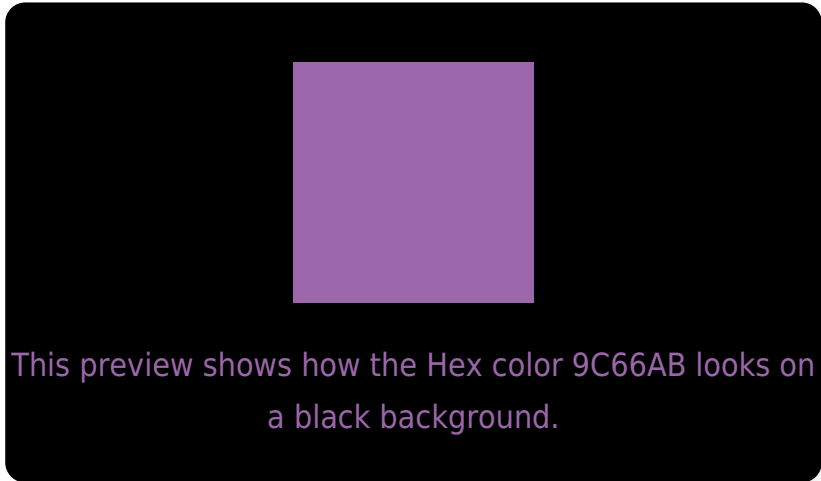
Large Text (above 18pt) WCAG AA ✓ Pass

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

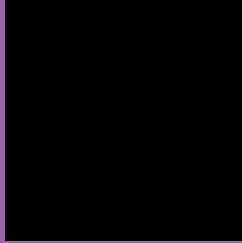
Any Text WCAG AA ✓ Pass

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 9C66AB Background



This preview shows how black text looks on a background with the Hex color 9C66AB.

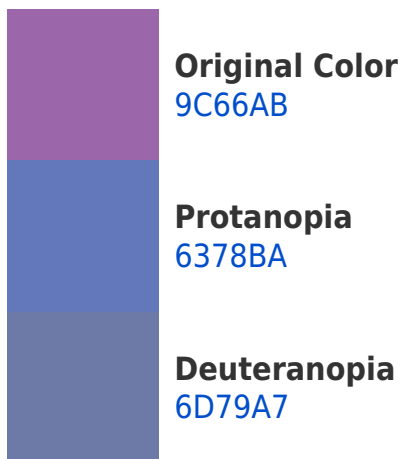


This preview shows how white text looks on a background with the Hex color 9C66AB.

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](#).

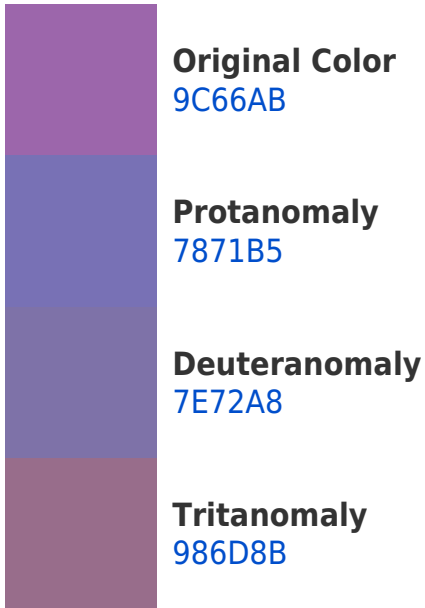
Dichromacy



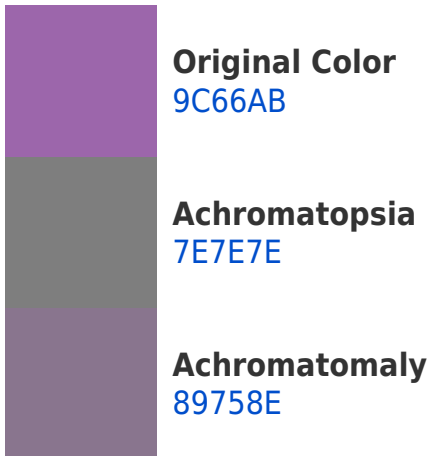


Tritanopia
957179

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9C66AB 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 #9C66AB looks like.

```
.text, #text, p{  
    color:#9C66AB  
}
```

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 #9C66AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C66AB
}
```

Border

The CSS property to change the border of an element to Hex 9C66AB is called "border". The border property can be set on classes, ids or directly on the HTML element.

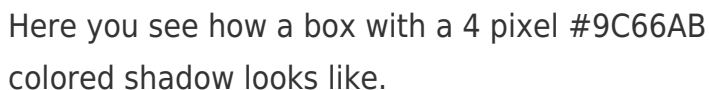
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9C66AB }
```

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

```
.border{ border-color:#9C66AB }
```

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



Here you see how a box with a 4 pixel #9C66AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C66AB; -webkit-box-shadow:4px 4px  
4px 4px #9C66AB; box-shadow:4px 4px 4px  
4px #9C66AB }
```

Background

The CSS property to change the background color of an element to Hex 9C66AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C66AB }
```

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

```
.background{ background-color:#9C66AB }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor