

# Converting Colors

Hex(9C4BA0)

Have a look what the booklet for  
Hex(9C4BA0) contains.

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# Color

**Hex(9C4BA0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9C4BA0
RGB	156, 75, 160
RGB Percent	61%, 29%, 63%
CMY	0.3882, 0.7059, 0.3725
CMYK	0.02, 0.53, 0.00, 0.37
HSL	297°, 36%, 46%
HSV	297°, 53%, 63%
XYZ	22.5715, 14.6381, 34.8935
YIQ	108.9090, 20.9910, 43.6070

# Conversions

## Conversions Part 2

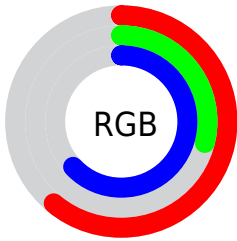
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	156, 75, 160
Decimal	10242976
CIE <sub>Lab</sub>	45.13, 46.12, -31.46
CIE <sub>LCh</sub>	45, 55.828, 325.700
Yxy	14.6381, 0.3130, 0.2030
Android (android.graphics.Color)	4288433056 (0xFF9C4BA0)
YUV	108.9090, 25.1879, 41.2988
Hunter-Lab	38.2598, 38.3521, -27.2914

# Details

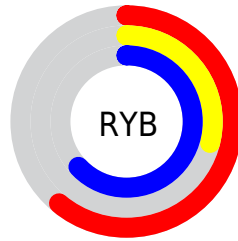
The Hex color **9C4BA0** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **4FA04B**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **D47FD7**, and **66156C** is the 20% darker color. If you saturate the color by 10%, you get **9B3BA0**, and if you desaturate by 10%, it is **9D5BA0**.

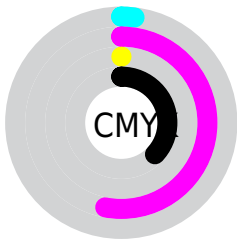
# Distribution



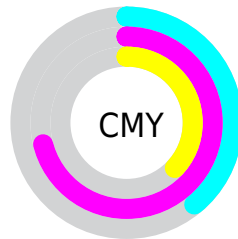
- Red (61%)
- Green (29%)
- Blue (63%)



- Red (61%)
- Yellow (29%)
- Blue (63%)



- Cyan (2%)
- Magenta (53%)
- Yellow (0%)
- Black (37%)



- Cyan (39%)
- Magenta (71%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9C4BA0 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 9C4BA0 by changing the saturation by 10% instead.



9C4BA0

9C4BA0

FFFFFF

813186

D47FD7

66156C

F19AF4

4C0053

FFB6FF

33003C

FFD2FF

1B0026

FFEFFF

00010E

000000

9C4BA0

9C4BA0

9B3BA0

9D5BA0

 9A2BA0

 9E6BA0

 9A1BA0

 9E7BA0

 990BA0

 9F8BA0

 9800A0

 A09BA0

 A1ABA0

 A1BBA0

 A2CBA0

 A3DBA0

# Harmonies

## Analogous

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



5B61BF



9C4BA0



B93A74

# Triad

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



9C4BA0



866600



008092

# Complementary

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



9C4BA0



4FA04B

# 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.



008062



9C4BA0



5A7400

# Square

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



9C4BA0



A8531B



027C33



007CB7

# Rectangle

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



9C4BA0



BD3B54



027C33



008083



# Sweetspot

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



9C4BA0



D0B0D1



4B4FA0



685569



E8E8E8



696969



# Same Dimension

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



9C4BA0



CB4BD1



A04B7A



4F474F



88008F



0F000F



# Inverse Universe

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



A04B4F



D14B52



4BA071



4F4748



8F0007



0F0001



# Previews

## White Background



This preview shows how the Hex color 9C4BA0 looks on a white background.

## Color Contrast Check

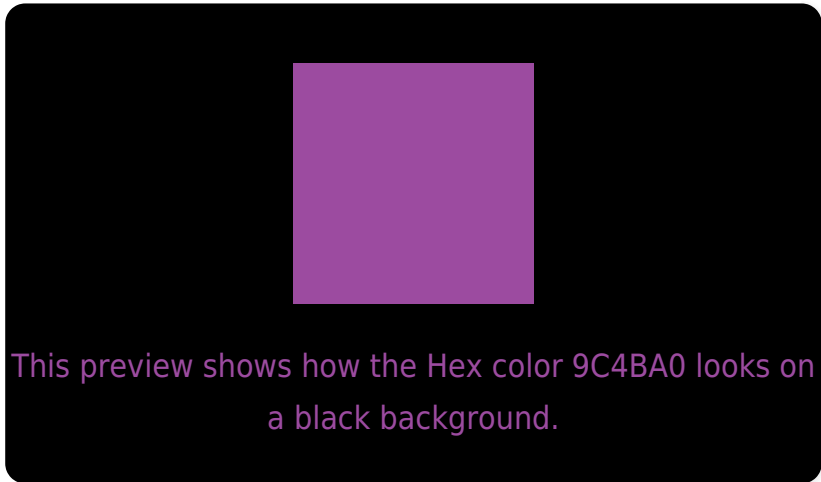
Large Text (above 18pt) WCAG AA ✓ Pass

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

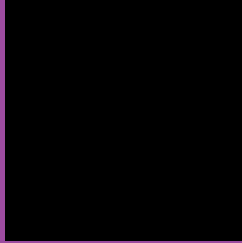
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 9C4BA0 Background



This preview shows how black text looks on a background with the Hex color 9C4BA0.

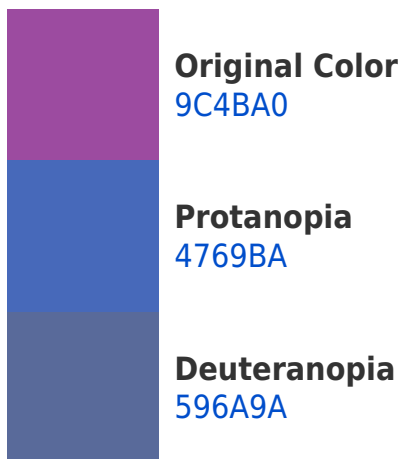


This preview shows how white text looks on a background with the Hex color 9C4BA0.

# 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](#).

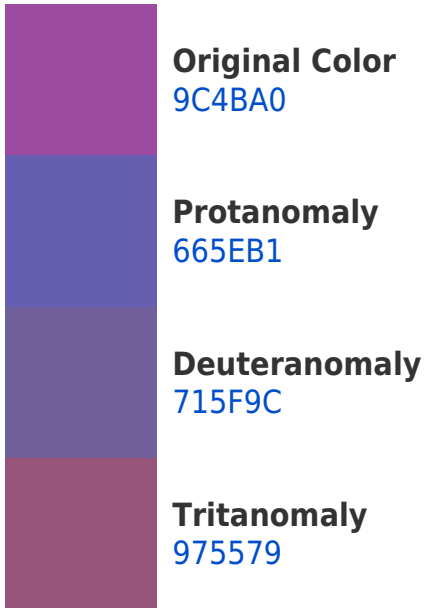
## Dichromacy



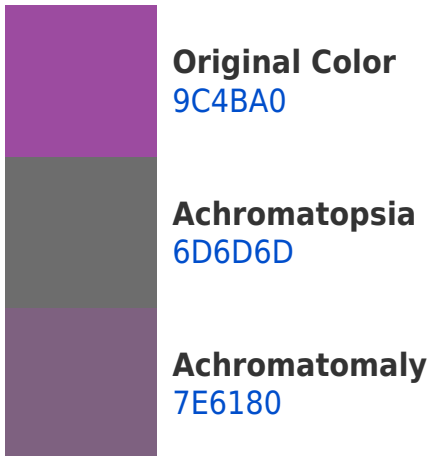


**Tritanopia**  
945B62

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9C4BA0 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 #9C4BA0 looks like.

```
.text, #text, p{  
    color:#9C4BA0  
}
```

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 #9C4BA0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C4BA0
}
```

## Border

The CSS property to change the border of an element to Hex 9C4BA0 is called "border". The border property can be set on classes, ids or directly on the HTML element.

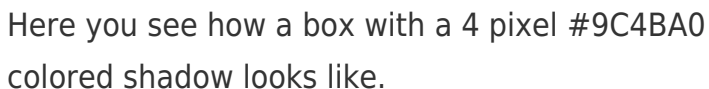
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9C4BA0 }
```

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

```
.border{ border-color:#9C4BA0 }
```

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



Here you see how a box with a 4 pixel #9C4BA0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C4BA0; -webkit-box-shadow:4px 4px  
4px 4px #9C4BA0; box-shadow:4px 4px 4px  
4px #9C4BA0 }
```

# Background

The CSS property to change the background color of an element to Hex 9C4BA0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C4BA0 }
```

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

```
.background{ background-color:#9C4BA0 }
```

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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