

# Converting Colors

Hex(9B4AA4)

Have a look what the booklet for  
Hex(9B4AA4) contains.

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# Color

**Hex(9B4AA4)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9B4AA4
RGB	155, 74, 164
RGB Percent	61%, 29%, 64%
CMY	0.3922, 0.7098, 0.3569
CMYK	0.05, 0.55, 0.00, 0.36
HSL	294°, 38%, 47%
HSV	294°, 55%, 64%
XYZ	22.6672, 14.5465, 36.7350
YIQ	108.4790, 19.3860, 45.1620

# Conversions

## Conversions Part 2

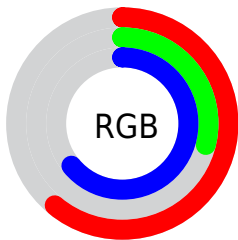
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	155, 74, 164
Decimal	10177188
CIE <sub>Lab</sub>	45.01, 47.11, -34.05
CIE <sub>LCh</sub>	45, 58.124, 324.142
Yxy	14.5465, 0.3065, 0.1967
Android (android.graphics.Color)	4288367268 (0xFF9B4AA4)
YUV	108.4790, 27.3719, 40.7989
Hunter-Lab	38.1398, 39.3411, -30.4083

# Details

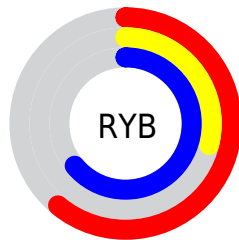
The Hex color **9B4AA4** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **53A44A**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **D37EDB**, and **651370** is the 20% darker color. If you saturate the color by 10%, you get **993AA4**, and if you desaturate by 10%, it is **9D5AA4**.

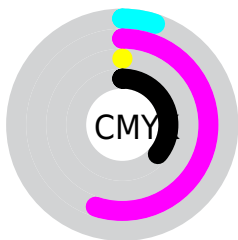
# Distribution



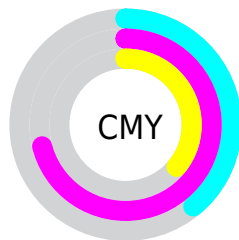
- Red (61%)
- Green (29%)
- Blue (64%)



- Red (61%)
- Yellow (29%)
- Blue (64%)



- Cyan (5%)
- Magenta (55%)
- Yellow (0%)
- Black (36%)



- Cyan (39%)
- Magenta (71%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9B4AA4 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 9B4AA4 by changing the saturation by 10% instead.



9B4AA4

9B4AA4

FFFFFF

803089

D37EDB

651370

F099F8

4B0057

FFB5FF

32003F

FFD1FF

1A0029

FFEEFF

000112

000000

9B4AA4

9B4AA4

993AA4

9D5AA4

9829A4

9E6BA4

9619A4

A07BA4

9408A4

A28CA4

9400A4

A39CA4

A5ACA4

A6BDA4

A8CDA4

AADEA4

# Harmonies

## Analogous

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



5462C4



9B4AA4



BB3676

# Triad

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



9B4AA4



896500



008091

# Complementary

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



9B4AA4



53A44A

# 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.



00805F



9B4AA4



5B7300

# Square

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



9B4AA4



AB5019



007C2D



007DB9

# Rectangle

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



9B4AA4



C03656



007C2D



008081



# Sweetspot

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



9B4AA4



D3B4D6



4A53A4



69576B



EBEBEB



6B6B6B



# Same Dimension

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



9B4AA4



C849D6



A44A81



514952



830091



100012



# Inverse Universe

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



A44A53



D64957



4AA46D



52494A



91000F

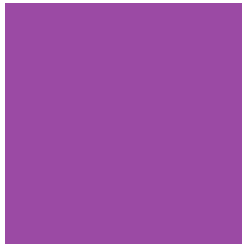


120002



# Previews

## White Background



This preview shows how the Hex color 9B4AA4 looks on a white background.

## Color Contrast Check

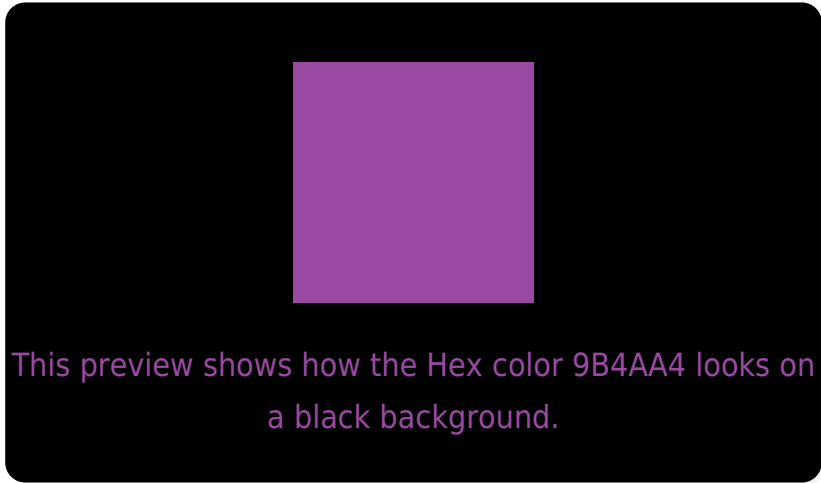
Large Text (above 18pt) WCAG AA ✓ Pass

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

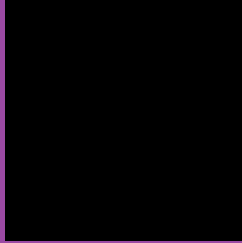
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 9B4AA4 Background



This preview shows how black text looks on a background with the Hex color 9B4AA4.

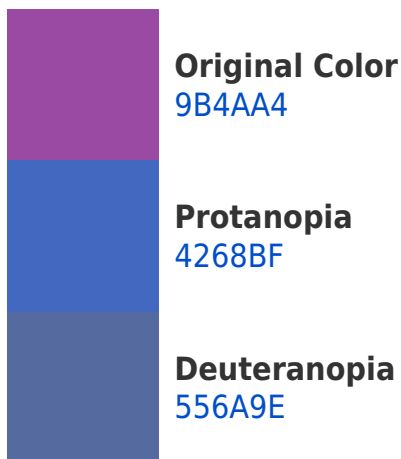


This preview shows how white text looks on a background with the Hex color 9B4AA4.

# 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**  
925B62

# Trichromacy



**Original Color**

9B4AA4



**Protanomaly**

625DB5



**Deuteranomaly**

6E5EA0



**Tritanomaly**

95557A

# Monochromacy



**Original Color**

9B4AA4



**Achromatopsia**

6C6C6C



**Achromatomaly**

7D6080

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9B4AA4 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 #9B4AA4 looks like.

```
.text, #text, p{  
    color:#9B4AA4  
}
```

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 #9B4AA4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B4AA4
}
```

## Border

The CSS property to change the border of an element to Hex 9B4AA4 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
#9B4AA4 }
```

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

```
.border{ border-color:#9B4AA4 }
```

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

Here you see how a box with a 4 pixel #9B4AA4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B4AA4; -webkit-box-shadow:4px 4px  
4px 4px #9B4AA4; box-shadow:4px 4px 4px  
4px #9B4AA4 }
```

# Background

The CSS property to change the background color of an element to Hex 9B4AA4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B4AA4 }
```

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

```
.background{ background-color:#9B4AA4 }
```

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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