

# Converting Colors

Hex(9A4EA9)

Have a look what the booklet for  
Hex(9A4EA9) contains.

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# Color

**Hex(9A4EA9)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9A4EA9
RGB	154, 78, 169
RGB Percent	60%, 31%, 66%
CMY	0.3961, 0.6941, 0.3373
CMYK	0.09, 0.54, 0.00, 0.34
HSL	290°, 37%, 48%
HSV	290°, 54%, 66%
XYZ	23.2122, 15.1834, 39.2434
YIQ	111.0980, 16.0850, 44.4130

# Conversions

## Conversions Part 2

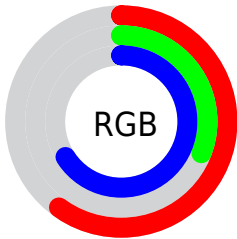
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	154, 78, 169
Decimal	10112681
CIE <sub>Lab</sub>	45.88, 45.79, -35.63
CIE <sub>LCh</sub>	46, 58.022, 322.110
Yxy	15.1834, 0.2990, 0.1956
Android (android.graphics.Color)	4288302761 (0xFF9A4EA9)
YUV	111.0980, 28.5457, 37.6251
Hunter-Lab	38.9659, 38.1435, -32.4362

# Details

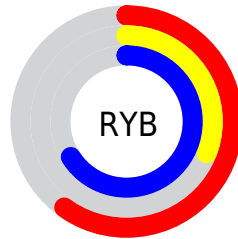
The Hex color **9A4EA9** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **5DA94E**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **D282E1**, and **641974** is the 20% darker color. If you saturate the color by 10%, you get **973DA9**, and if you desaturate by 10%, it is **9D5FA9**.

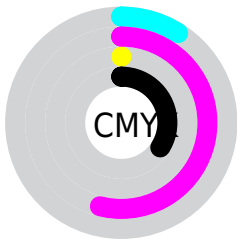
# Distribution



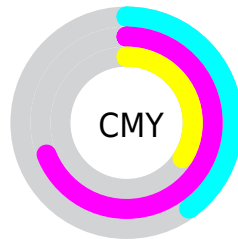
- Red (60%)
- Green (31%)
- Blue (66%)



- Red (60%)
- Yellow (31%)
- Blue (66%)



- Cyan (9%)
- Magenta (54%)
- Yellow (0%)
- Black (34%)



- Cyan (40%)
- Magenta (69%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9A4EA9 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 9A4EA9 by changing the saturation by 10% instead.



9A4EA9

9A4EA9

FFFFFF

7F348E

D282E1

641974

EF9DFD

4A005B

FFB9FF

310043

FFD5FF

1A002D

FFF2FF

000117

000000

9A4EA9

9A4EA9

973DA9

9D5FA9

942CA9

A070A9

921BA9

A281A9

8F0AA9

A592A9

8D00A9

A8A2A9

ABB3A9

ADC4A9

B0D5A9

B3E6A9

# Harmonies

## Analogous

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



4F65C7



9A4EA9



BC3A7C

# Triad

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



9A4EA9



8E6600



008390

# Complementary

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



9A4EA9



5DA94E

# 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.



00825E



9A4EA9



617500

# Square

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



9A4EA9



B0511E



167E2C



007FB9

# Rectangle

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



9A4EA9



C3385B



167E2C



008380



# Sweetspot

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



9A4EA9



D6B8DB



4E5DA9



6A596E



EDEDED



6E6E6E



# Same Dimension

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



9A4EA9



C44DDB



A94E8B



534C54



7C0094



110014



# Inverse Universe

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



A94E5D



DB4D64



4EA96C



544C4D



940018



140003



# Previews

## White Background



This preview shows how the Hex color 9A4EA9 looks on a white background.

## Color Contrast Check

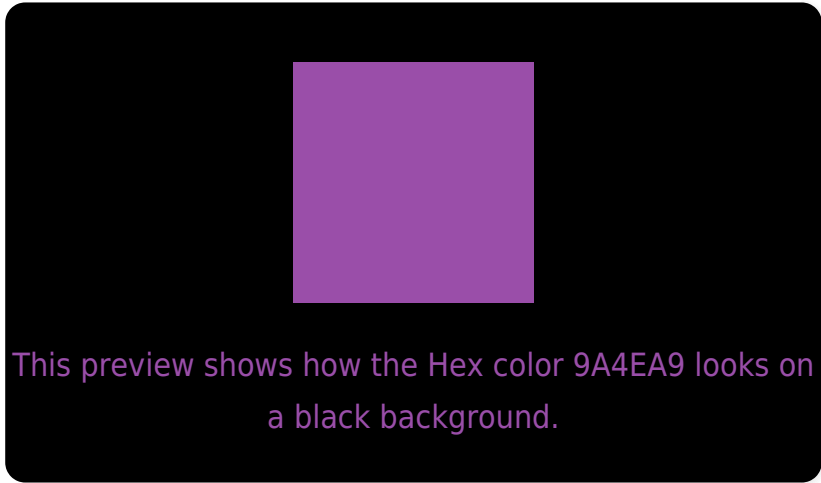
Large Text (above 18pt) WCAG AA ✓ Pass

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

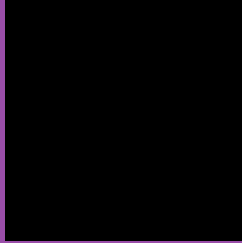
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 9A4EA9 Background



This preview shows how black text looks on a background with the Hex color 9A4EA9.

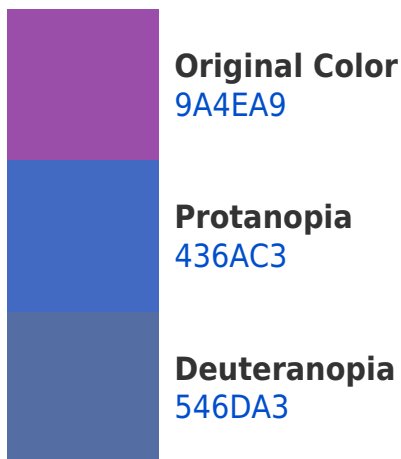


This preview shows how white text looks on a background with the Hex color 9A4EA9.

# 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**  
915F66

# Trichromacy



**Original Color**  
9A4EA9



**Protanomaly**  
6360BA



**Deuteranomaly**  
6D62A5



**Tritanomaly**  
94597E

# Monochromacy



**Original Color**  
9A4EA9



**Achromatopsia**  
6F6F6F



**Achromatomaly**  
7F6384

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9A4EA9 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 #9A4EA9 looks like.

```
.text, #text, p{  
    color:#9A4EA9  
}
```

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 #9A4EA9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A4EA9  
}
```

## Border

The CSS property to change the border of an element to Hex 9A4EA9 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  
#9A4EA9 }
```

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

```
.border{ border-color:#9A4EA9 }
```

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

Here you see how a box with a 4 pixel #9A4EA9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A4EA9; -webkit-box-shadow:4px 4px  
4px 4px #9A4EA9; box-shadow:4px 4px 4px  
4px #9A4EA9 }
```

# Background

The CSS property to change the background color of an element to Hex 9A4EA9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A4EA9 }
```

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

```
.background{ background-color:#9A4EA9 }
```

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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