

# Converting Colors

Hex(9A4EA0)

Have a look what the booklet for  
Hex(9A4EA0) contains.

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# Color

**Hex(9A4EA0)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9A4EA0
RGB	154, 78, 160
RGB Percent	60%, 31%, 63%
CMY	0.3961, 0.6941, 0.3725
CMYK	0.04, 0.51, 0.00, 0.37
HSL	296°, 34%, 47%
HSV	296°, 51%, 63%
XYZ	22.3960, 14.8569, 34.9450
YIQ	110.0720, 18.9740, 41.6140

# Conversions

## Conversions Part 2

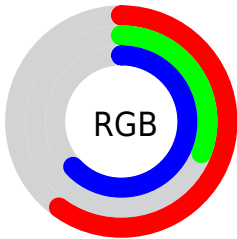
<b>Format</b>	<b>Color</b>
<b>RYB</b>	154, 78, 160
Decimal	10112672
CIELab	45.44, 44.01, -31.01
CIELCh	45, 53.834, 324.835
Yxy	14.8569, 0.3102, 0.2058
Android (android.graphics.Color)	4288302752 (0xFF9A4EA0)
YUV	110.0720, 24.6145, 38.5249
Hunter-Lab	38.5446, 36.2627, -26.7717

# Details

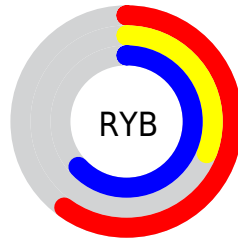
The Hex color **9A4EA0** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **54A04E**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **D282D7**, and **651A6C** is the 20% darker color. If you saturate the color by 10%, you get **993EA0**, and if you desaturate by 10%, it is **9B5EA0**.

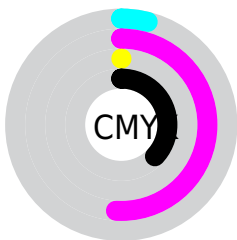
# Distribution



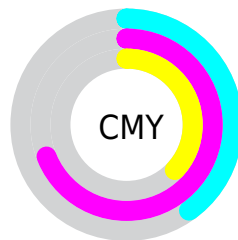
- Red (60%)
- Green (31%)
- Blue (63%)



- Red (60%)
- Yellow (31%)
- Blue (63%)



- Cyan (4%)
- Magenta (51%)
- Yellow (0%)
- Black (37%)



- Cyan (40%)
- Magenta (69%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9A4EA0 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 9A4EA0 by changing the saturation by 10% instead.



9A4EA0

9A4EA0

FFFFFF

7F3586

D282D7

651A6C

EF9DF4

4B0053

FFB9FF

32003C

FFD5FF

1A0026

FFF2FF

00010E

000000

9A4EA0

9A4EA0

993EA0

9B5EA0

982EA0

9C6EA0

961EA0

9E7EA0

950EA0

9F8EA0

9400A0

A09EA0

A1AEA0

A2BEA0

A3CEA0

A5DEA0

# Harmonies

## Analogous

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



5B63BE



9A4EA0



B73E75

# Triad

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



9A4EA0



886700



008090

# Complementary

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



9A4EA0



54A04E

# 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



9A4EA0



5D7408

# Square

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



9A4EA0



A85420



177C34



007DB5

# Rectangle

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



9A4EA0



BC3E57



177C34



008081



# Sweetspot

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



9A4EA0



CFB2D1



4E55A0



675669



E8E8E8



696969



# Same Dimension

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



9A4EA0



C84FD1



A04E7E



4E474F



84008F



0E000F



# Inverse Universe

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



A04E54



D14F59



4EA070



4F4748



8F000A

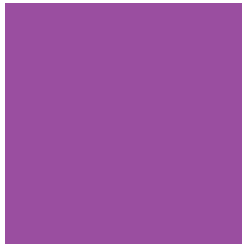


0F0001



# Previews

## White Background



This preview shows how the Hex color 9A4EA0 looks on a white background.

## Color Contrast Check

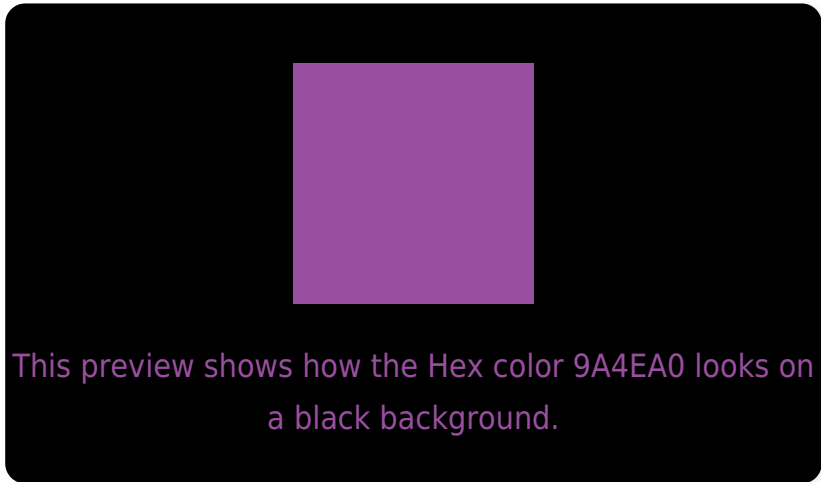
Large Text (above 18pt) WCAG AA ✓ Pass

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

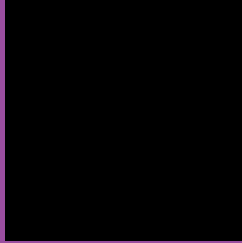
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 9A4EA0 Background



This preview shows how black text looks on a background with the Hex color 9A4EA0.

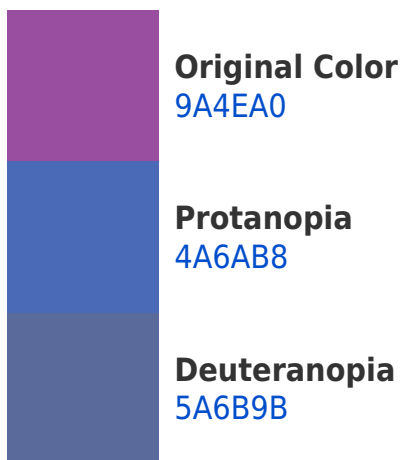


This preview shows how white text looks on a background with the Hex color 9A4EA0.

# 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](#).

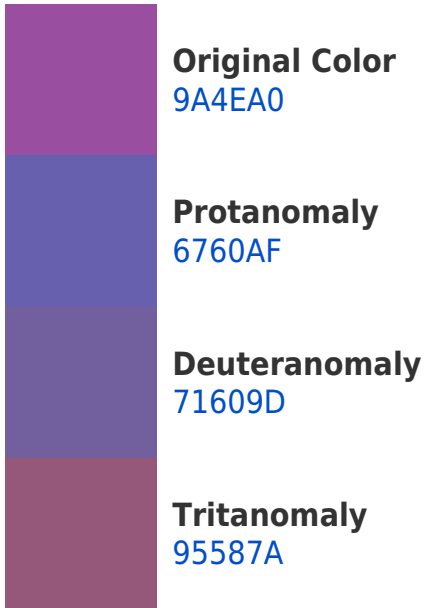
## Dichromacy



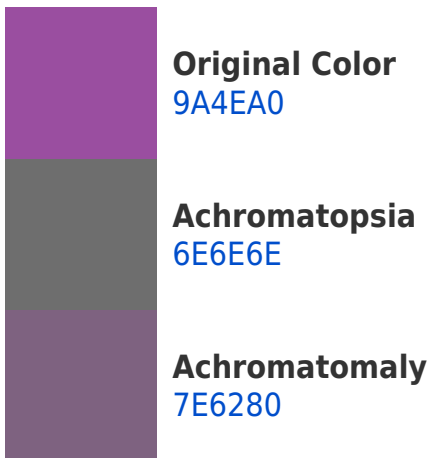


**Tritanopia**  
925D64

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9A4EA0 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 #9A4EA0 looks like.

```
.text, #text, p{  
    color:#9A4EA0  
}
```

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 #9A4EA0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A4EA0
}
```

## Border

The CSS property to change the border of an element to Hex 9A4EA0 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
#9A4EA0 }
```

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

```
.border{ border-color:#9A4EA0 }
```

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

Here you see how a box with a 4 pixel #9A4EA0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A4EA0; -webkit-box-shadow:4px 4px  
4px 4px #9A4EA0; box-shadow:4px 4px 4px  
4px #9A4EA0 }
```

# Background

The CSS property to change the background color of an element to Hex 9A4EA0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A4EA0 }
```

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

```
.background{ background-color:#9A4EA0 }
```

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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