

# Converting Colors

Hex(9A6FAD)

Have a look what the booklet for  
Hex(9A6FAD) contains.

<b>Hex(9A6FAD)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(9A6FAD)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9A6FAD
RGB	154, 111, 173
RGB Percent	60%, 44%, 68%
CMY	0.3961, 0.5647, 0.3216
CMYK	0.11, 0.36, 0.00, 0.32
HSL	282°, 27%, 56%
HSV	282°, 36%, 68%
XYZ	26.5537, 21.2560, 42.2385
YIQ	130.9250, 5.7260, 28.3980

# Conversions

## Conversions Part 2

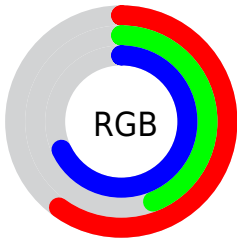
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	154, 111, 173
Decimal	10121133
CIE <sub>Lab</sub>	53.23, 28.46, -26.50
CIE <sub>LCh</sub>	53, 38.893, 317.042
Yxy	21.2560, 0.2949, 0.2361
Android (android.graphics.Color)	4288311213 (0xFF9A6FAD)
YUV	130.9250, 20.7430, 20.2368
Hunter-Lab	46.1043, 22.1244, -22.0456

# Details

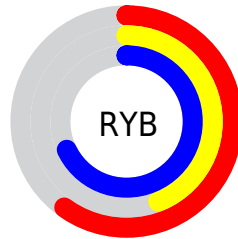
The Hex color **9A6FAD** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **82AD6F**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **D1A3E5**, and **663E78** is the 20% darker color. If you saturate the color by 10%, you get **955EAD**, and if you desaturate by 10%, it is **9F80AD**.

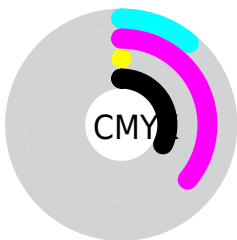
# Distribution



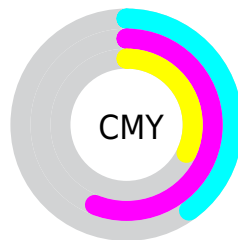
- Red (60%)
- Green (44%)
- Blue (68%)



- Red (60%)
- Yellow (44%)
- Blue (68%)



- Cyan (11%)
- Magenta (36%)
- Yellow (0%)
- Black (32%)



- Cyan (40%)
- Magenta (56%)
- Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9A6FAD 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 9A6FAD by changing the saturation by 10% instead.



■ 9A6FAD

■ 9A6FAD

FFFFFF

■ 7F5692

■ D1A3E5

■ 663E78

■ EEBFFF

■ 4D275F

■ FFDBFF

■ 351147

■ FFF7FF

■ 200031

■ 00011B

■ 000000

■ 9A6FAD

■ 9A6FAD

■ 955EAD

■ 9F80AD

8F4CAD

A592AD

8A3BAD

AAA3AD

852AAD

AFB4AD

7F19AD

B5C6AD

7A07AD

BAD7AD

7800AD

BFE8AD

C4F9AD

CAFFAD

# Harmonies

## Analogous

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



6A7CBF



9A6FAD



B6658F

# Triad

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



9A6FAD



A0783D



009092

# Complementary

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



9A6FAD



82AD6F

# 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.



238F6F



9A6FAD



81833D

# Square

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



9A6FAD



B66C50



5B8B50



008EAF

# Rectangle

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



9A6FAD



BE6378



5B8B50



009086



# Sweetspot

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



9A6FAD



D9C8E0



6F83AD



6C6270



F0F0F0



707070



# Same Dimension

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



9A6FAD



C380E0



AD6FA2



544E57



680096



100017



# Inverse Universe

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



AD6F82



E0809D



6FAD7A



574E51



96002E

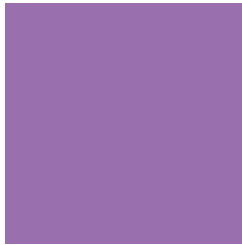


170007



# Previews

## White Background



This preview shows how the Hex color 9A6FAD looks on a white background.

## Color Contrast Check

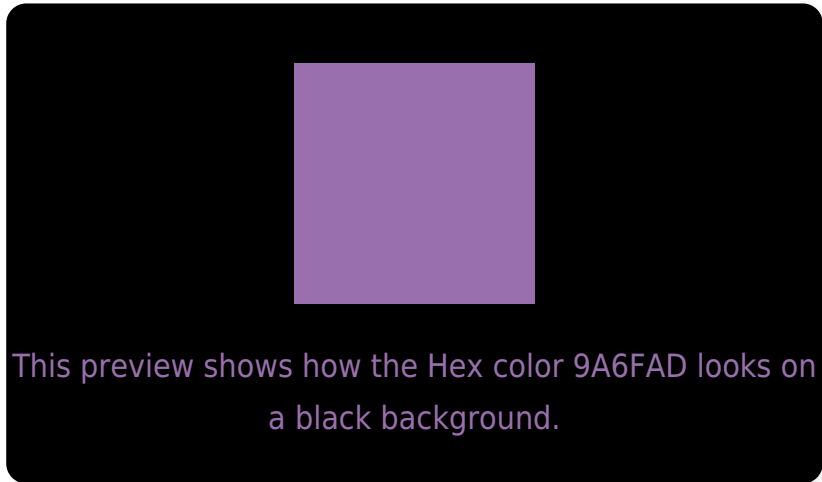
Large Text (above 18pt) WCAG AA ✓ Pass

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

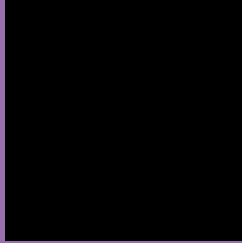
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9A6FAD Background



This preview shows how black text looks on a background with the Hex color 9A6FAD.

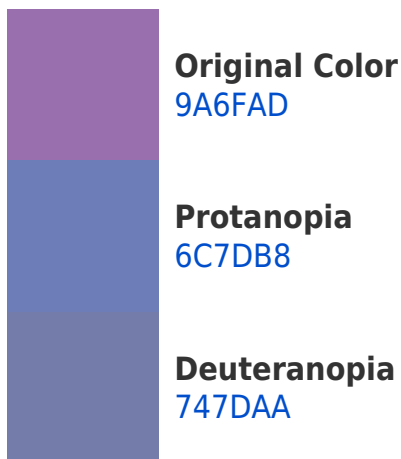


This preview shows how white text looks on a background with the Hex color 9A6FAD.

# 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](#).

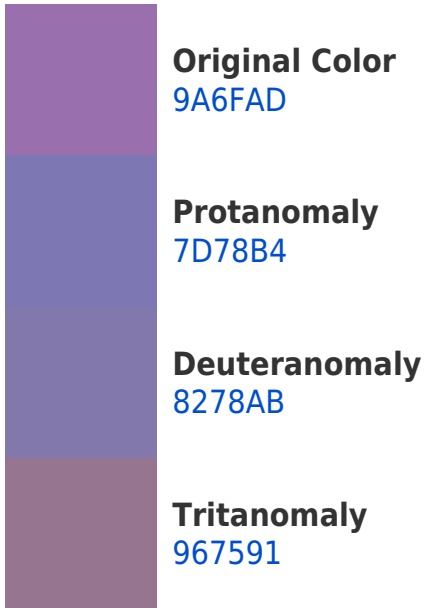
## Dichromacy



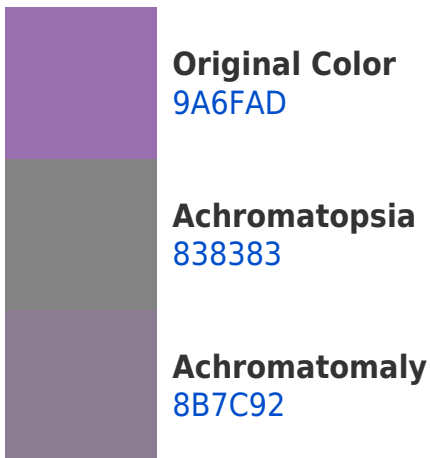


**Tritanopia**  
937881

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9A6FAD 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 #9A6FAD looks like.

```
.text, #text, p{  
    color:#9A6FAD  
}
```

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 #9A6FAD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A6FAD
}
```

## Border

The CSS property to change the border of an element to Hex 9A6FAD is called "border". The border property can be set on classes, ids or directly on the HTML element.

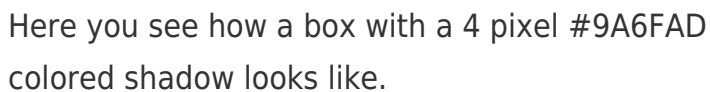
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9A6FAD }
```

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

```
.border{ border-color:#9A6FAD }
```

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



Here you see how a box with a 4 pixel #9A6FAD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A6FAD; -webkit-box-shadow:4px 4px  
4px 4px #9A6FAD; box-shadow:4px 4px 4px  
4px #9A6FAD }
```

# Background

The CSS property to change the background color of an element to Hex 9A6FAD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A6FAD }
```

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

```
.background{ background-color:#9A6FAD }
```

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