

# Converting Colors

Hex(9167AC)

Have a look what the booklet for  
Hex(9167AC) contains.

<b>Hex(9167AC)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(9167AC)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9167AC
RGB	145, 103, 172
RGB Percent	57%, 40%, 67%
CMY	0.4314, 0.5961, 0.3255
CMYK	0.16, 0.40, 0.00, 0.33
HSL	277°, 29%, 54%
HSV	277°, 40%, 67%
XYZ	23.9737, 18.6988, 41.3754
YIQ	123.4240, 2.8830, 30.3630

# Conversions

## Conversions Part 2

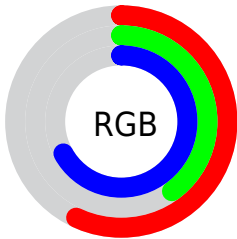
<b>Format</b>	<b>Color</b>
<b>RYB</b>	145, 103, 172
Decimal	9529260
CIELab	50.33, 30.00, -30.50
CIELCh	50, 42.776, 314.527
Yxy	18.6988, 0.2852, 0.2225
Android (android.graphics.Color)	4287719340 (0xFF9167AC)
YUV	123.4240, 23.9480, 18.9222
Hunter-Lab	43.2421, 23.2878, -26.4611

# Details

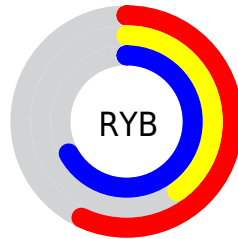
The Hex color **9167AC** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **82AC67**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **C89BE4**, and **5D3777** is the 20% darker color. If you saturate the color by 10%, you get **8A56AC**, and if you desaturate by 10%, it is **9878AC**.

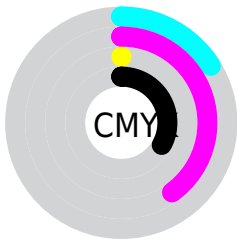
# Distribution



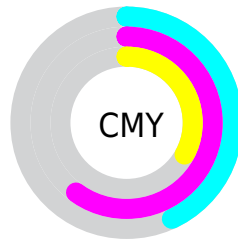
- Red (57%)
- Green (40%)
- Blue (67%)



- Red (57%)
- Yellow (40%)
- Blue (67%)



- Cyan (16%)
- Magenta (40%)
- Yellow (0%)
- Black (33%)



- Cyan (43%)
- Magenta (60%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9167AC 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 9167AC by changing the saturation by 10% instead.



9167AC

9167AC

FFFFFF

774E91

C89BE4

5D3777

E4B6FF

44205E

FFD2FF

2C0946

FFEEFF

1A0030

00011A

000000

9167AC

9167AC

8A56AC

9878AC

8445AC

9E89AC

7D33AC

A59BAC

7622AC

ACACAC

6F11AC

B3BDAC

6900AC

B9CEAC

C0DFAC

C7F1AC

CEFFAC

# Harmonies

## Analogous

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



5976BE



9167AC



B15B8C

# Triad

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



9167AC



9C6F30



008A89

# Complementary

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



9167AC



82AC67

# 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.



008963



9167AC



7B7B2D

# Square

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



9167AC



B36146



538442



0088AA

# Rectangle

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



9167AC



BA5874



538442



008A7C



# Sweetspot

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



9167AC



D6C5E0



6783AC



6A6070



F0F0F0



707070



# Same Dimension

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



9167AC



B675E0



AC67A5



534E57



5C0096



0E0017



# Inverse Universe

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



AC6782



E0759F



67AC6E



574E51



96003B

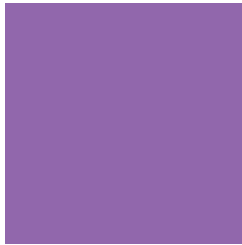


170009



# Previews

## White Background



This preview shows how the Hex color 9167AC looks on a white background.

## Color Contrast Check

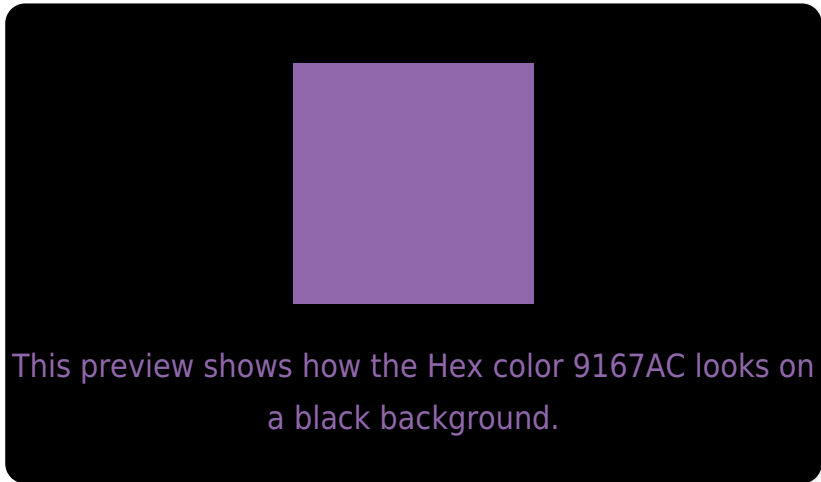
Large Text (above 18pt) WCAG AA ✓ Pass

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

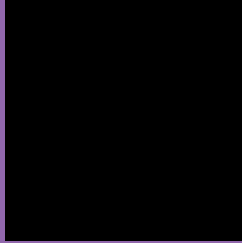
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9167AC Background



This preview shows how black text looks on a background with the Hex color 9167AC.

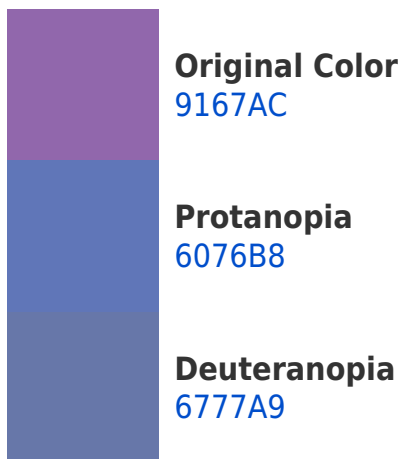


This preview shows how white text looks on a background with the Hex color 9167AC.

# 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](#).

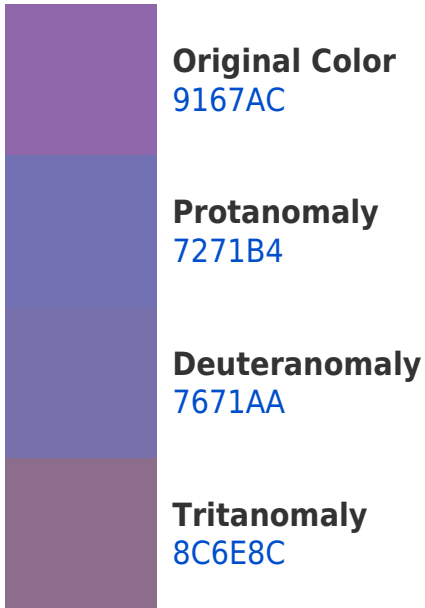
## Dichromacy



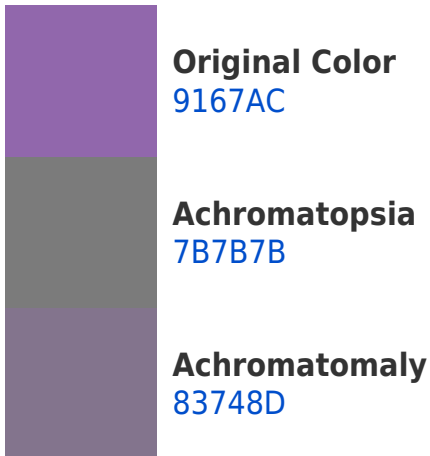


**Tritanopia**  
89727A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9167AC 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 #9167AC looks like.

```
.text, #text, p{  
    color:#9167AC  
}
```

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 #9167AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9167AC
}
```

## Border

The CSS property to change the border of an element to Hex 9167AC is called "border". The border property can be set on classes, ids or directly on the HTML element.

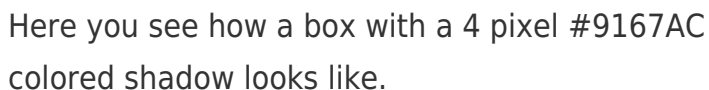
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9167AC }
```

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

```
.border{ border-color:#9167AC }
```

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



Here you see how a box with a 4 pixel #9167AC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9167AC; -webkit-box-shadow:4px 4px  
4px 4px #9167AC; box-shadow:4px 4px 4px  
4px #9167AC }
```

# Background

The CSS property to change the background color of an element to Hex 9167AC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9167AC }
```

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

```
.background{ background-color:#9167AC }
```

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