

# Converting Colors

Hex(9339AC)

Have a look what the booklet for  
Hex(9339AC) contains.

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# Color

**Hex(9339AC)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9339AC
RGB	147, 57, 172
RGB Percent	58%, 22%, 67%
CMY	0.4235, 0.7765, 0.3255
CMYK	0.15, 0.67, 0.00, 0.33
HSL	287°, 50%, 45%
HSV	287°, 67%, 67%
XYZ	20.9421, 12.1079, 40.2630
YIQ	97.0200, 16.7250, 54.8450

# Conversions

## Conversions Part 2

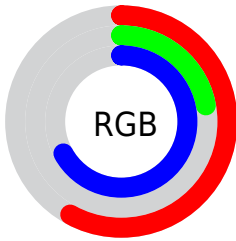
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	147, 57, 172
Decimal	9648556
CIE <sub>Lab</sub>	41.39, 54.64, -44.61
CIE <sub>LCh</sub>	41, 70.534, 320.768
Yxy	12.1079, 0.2857, 0.1652
Android (android.graphics.Color)	4287838636 (0xFF9339AC)
YUV	97.0200, 36.9651, 43.8325
Hunter-Lab	34.7963, 46.5364, -44.2473

# Details

The Hex color **9339AC** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **52AC39**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **CC6FE4**, and **5C0077** is the 20% darker color. If you saturate the color by 10%, you get **8F28AC**, and if you desaturate by 10%, it is **974AAC**.

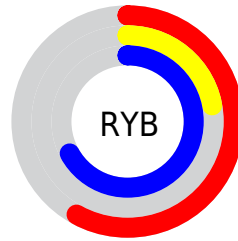
# Distribution



Red (58%)

Green (22%)

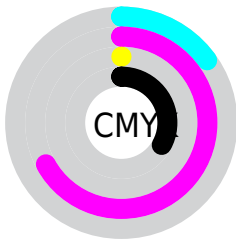
Blue (67%)



Red (58%)

Yellow (22%)

Blue (67%)

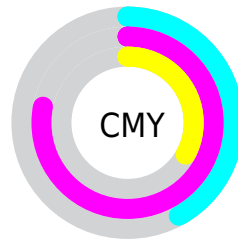


Cyan (15%)

Magenta (67%)

Yellow (0%)

Black (33%)



Cyan (42%)

Magenta (78%)

Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9339AC 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 9339AC by changing the saturation by 10% instead.



9339AC

9339AC

FFFFFF

771C91

CC6FE4

5C0077

E98AFF

42005E

FFA5FF

2A0045

FFC1FF

03002E

FFDEFF

000118

FFFBFF

000000

9339AC

9339AC

8F28AC

974AAC

 8C17AC

 9A5BAC

 8805AC

 9E6DAC

 8700AC

 A27EAC

 A68FAC

 A9A0AC

 ADB1AC

 B1C3AC

 B5D4AC

# Harmonies

## Analogous

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



155BD0



9339AC



BD0076

# Triad

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



9339AC



865900



007A89

# Complementary

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



9339AC



52AC39

# 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.



00794D



9339AC



516B00

# Square

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



9339AC



AE3B00



007405



0078BC

# Rectangle

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



9339AC



C40050



007405



007A76



# Sweetspot

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



9339AC



D7B4E0



3954AC



6A5570



F0F0F0



707070



# Same Dimension

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



9339AC



B92DE0



AC398D



554E57



760096



120017



# Inverse Universe

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



AC3952



E02D54



39AC58



574E50



960021



170005



# Previews

## White Background



This preview shows how the Hex color 9339AC looks on a white background.

## Color Contrast Check

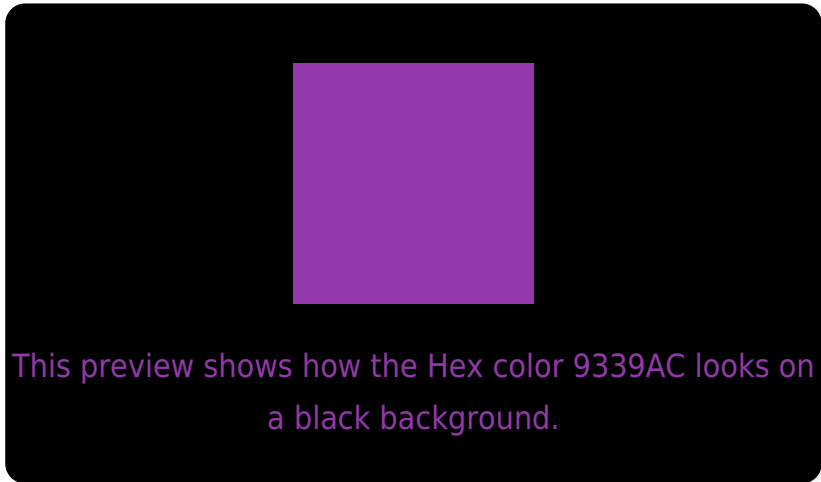
Large Text (above 18pt) WCAG AA ✓ Pass

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

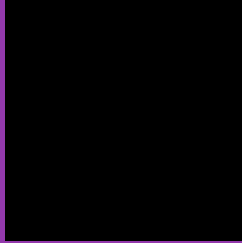
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 9339AC Background



This preview shows how black text looks on a background with the Hex color 9339AC.

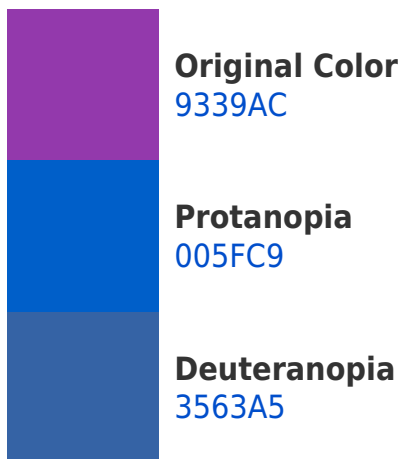


This preview shows how white text looks on a background with the Hex color 9339AC.

# 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](#).

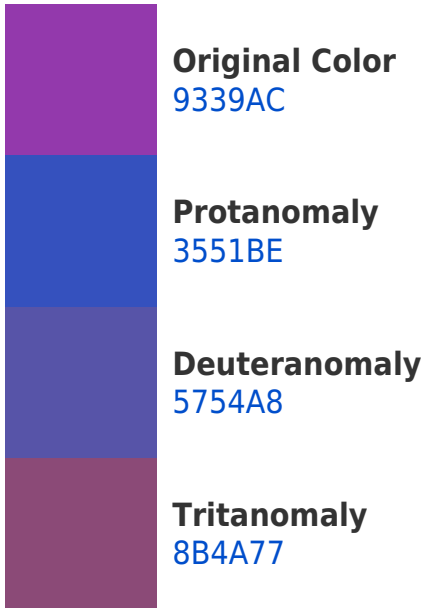
## Dichromacy



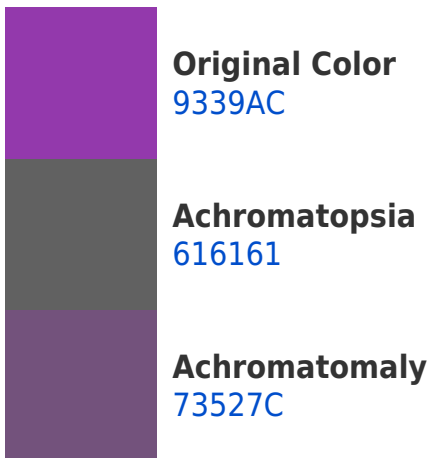


**Tritanopia**  
875359

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9339AC 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 #9339AC looks like.

```
.text, #text, p{  
    color:#9339AC  
}
```

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 #9339AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9339AC
}
```

## Border

The CSS property to change the border of an element to Hex 9339AC is called "border". The border property can be set on classes, ids or directly on the HTML element.

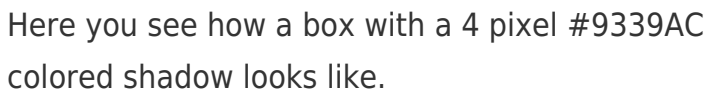
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9339AC }
```

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

```
.border{ border-color:#9339AC }
```

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



Here you see how a box with a 4 pixel #9339AC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9339AC; -webkit-box-shadow:4px 4px  
4px 4px #9339AC; box-shadow:4px 4px 4px  
4px #9339AC }
```

# Background

The CSS property to change the background color of an element to Hex 9339AC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9339AC }
```

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

```
.background{ background-color:#9339AC }
```

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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