

Converting Colors

Hex(9C37AF)

Have a look what the booklet for
Hex(9C37AF) contains.

Hex(9C37AF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(9C37AF)

Conversions

Conversions Part 1

Format	Color
Hex	9C37AF
RGB	156, 55, 175
RGB Percent	61%, 22%, 69%
CMY	0.3882, 0.7843, 0.3137
CMYK	0.11, 0.69, 0.00, 0.31
HSL	290°, 52%, 45%
HSV	290°, 69%, 69%
XYZ	22.8144, 12.8954, 41.8441
YIQ	98.8790, 21.6760, 58.7320

Conversions

Conversions Part 2

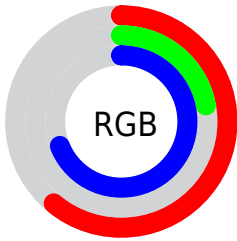
Format	Color
R_{YB}	156, 55, 175
Decimal	10237871
CIE _{Lab}	42.61, 58.13, -44.36
CIE _{LCh}	43, 73.124, 322.649
Yxy	12.8954, 0.2942, 0.1663
Android (android.graphics.Color)	4288427951 (0xFF9C37AF)
YUV	98.8790, 37.5277, 50.0951
Hunter-Lab	35.9102, 50.5611, -43.9500

Details

The Hex color **9C37AF** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **4AAF37**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **D56EE7**, and **65007A** is the 20% darker color. If you saturate the color by 10%, you get **9926AF**, and if you desaturate by 10%, it is **9F49AF**.

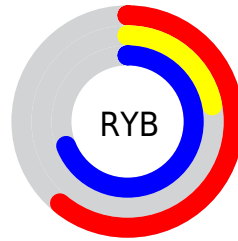
Distribution



Red (61%)

Green (22%)

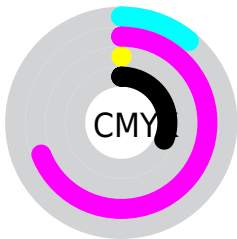
Blue (69%)



Red (61%)

Yellow (22%)

Blue (69%)

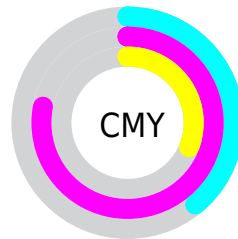


Cyan (11%)

Magenta (69%)

Yellow (0%)

Black (31%)



Cyan (39%)

Magenta (78%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9C37AF 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 9C37AF by changing the saturation by 10% instead.

9C37AF

9C37AF

FFFFFF

801794

D56EE7

65007A

F389FF

4A0060

FFA5FF

310048

FFC1FF

130031

FFDEFF

00011A

FFFCFF

000000

9C37AF

9C37AF

9926AF

9F49AF

9614AF

A25AAF

9403AF

A46CAF

9300AF

A77DAF

AA8FAF

ADA0AF

AFB2AF

B2C3AF

B5D5AF

Harmonies

Analogous

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



295CD6



9C37AF



C50076

Triad

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



9C37AF



885D00



007E92

Complementary

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



9C37AF



4AAF37

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.



007C53



9C37AF



4F6F00

Square

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



9C37AF



B13F00



00780A



007BC5

Rectangle

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



9C37AF



CB004E



00780A



007E7E

Sweetspot

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



9C37AF



DBB3E3



374BAF



6E5673



F2F2F2



737373

Same Dimension

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



9C37AF



C529E3



AF3787



554E57



7F0096



130017

Inverse Universe

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



AF374A



E32946



37AF5F



574E4F



960018



170004

Previews

White Background



This preview shows how the Hex color 9C37AF looks on a white background.

Color Contrast Check

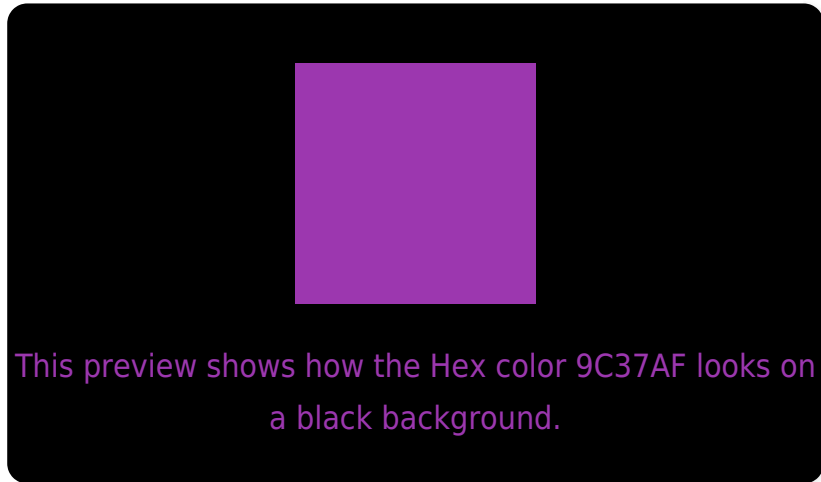
Large Text (above 18pt) WCAG AA ✓ Pass

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

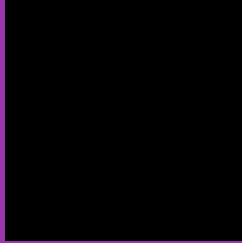
Any Text WCAG AA × Fail

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 9C37AF Background



This preview shows how black text looks on a background with the Hex color 9C37AF.

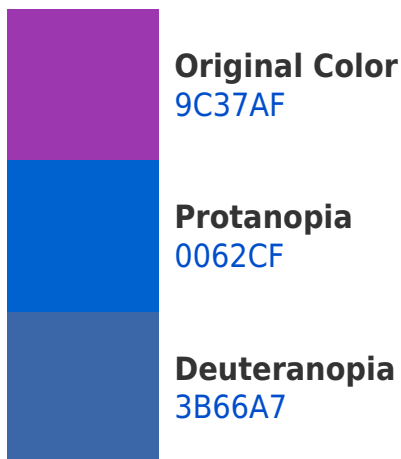


This preview shows how white text looks on a background with the Hex color 9C37AF.

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
915359

Trichromacy



Original Color
9C37AF



Protanomaly
3952C3



Deuteranomaly
5E55AA



Tritanomaly
954978

Monochromacy



Original Color
9C37AF



Achromatopsia
636363



Achromatomaly
78537F

CSS Examples

Text

The CSS property to change the color of the text to Hex 9C37AF 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 #9C37AF looks like.

```
.text, #text, p{  
    color:#9C37AF  
}
```

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 #9C37AF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C37AF
}
```

Border

The CSS property to change the border of an element to Hex 9C37AF is called "border". The border property can be set on classes, ids or directly on the HTML element.

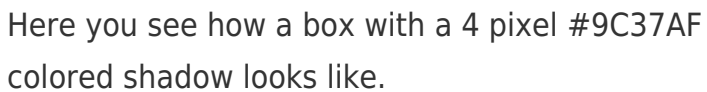
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9C37AF }
```

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

```
.border{ border-color:#9C37AF }
```

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



Here you see how a box with a 4 pixel #9C37AF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C37AF; -webkit-box-shadow:4px 4px  
4px 4px #9C37AF; box-shadow:4px 4px 4px  
4px #9C37AF }
```

Background

The CSS property to change the background color of an element to Hex 9C37AF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C37AF }
```

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

```
.background{ background-color:#9C37AF }
```

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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