

Converting Colors

Hex(9A49BC)

Have a look what the booklet for
Hex(9A49BC) contains.

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Color

Hex(9A49BC)

Conversions

Conversions Part 1

Format	Color
Hex	9A49BC
RGB	154, 73, 188
RGB Percent	60%, 29%, 74%
CMY	0.3961, 0.7137, 0.2627
CMYK	0.18, 0.61, 0.00, 0.26
HSL	282°, 46%, 51%
HSV	282°, 61%, 74%
XYZ	24.7861, 15.2660, 49.2172
YIQ	110.3290, 11.3610, 52.9370

Conversions

Conversions Part 2

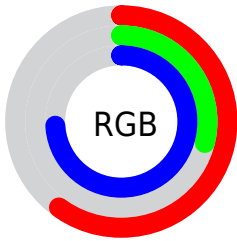
Format	Color
R_{YB}	154, 73, 188
Decimal	10111420
CIE _{Lab}	46.00, 52.22, -46.60
CIE _{LCh}	46, 69.988, 318.253
Yxy	15.2660, 0.2777, 0.1710
Android (android.graphics.Color)	4288301500 (0xFF9A49BC)
YUV	110.3290, 38.2918, 38.2995
Hunter-Lab	39.0717, 44.8604, -47.3354

Details

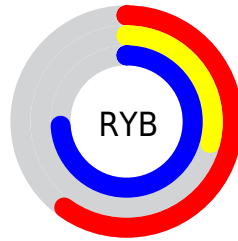
The Hex color **9A49BC** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **6BBC49**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **D37EF5**, and **631086** is the 20% darker color. If you saturate the color by 10%, you get **9436BC**, and if you desaturate by 10%, it is **A05CBC**.

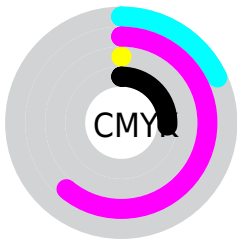
Distribution



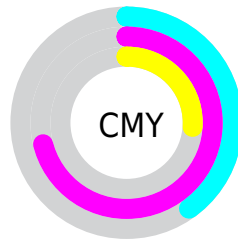
- Red (60%)
- Green (29%)
- Blue (74%)



- Red (60%)
- Yellow (29%)
- Blue (74%)



- Cyan (18%)
- Magenta (61%)
- Yellow (0%)
- Black (26%)



- Cyan (40%)
- Magenta (71%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9A49BC 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 9A49BC by changing the saturation by 10% instead.

 9A49BC

 9A49BC

FFFFFF

 7E2EA1

 D37EF5

 631086

 F099FF

 48006C

 FFB5FF

 2E0053

 FFD1FF

 14003B

 FFEEFF

 000224

 00000D

 000000

 9A49BC

 9A49BC

■ 9436BC

■ A05CBC

■ 8F23BC

■ A56FBC

■ 8911BC

■ AB81BC

■ 8400BC

■ B094BC

■ B6A7BC

■ BBBABC

■ C1CDBC

■ C6DFBC

■ CCF2BC

Harmonies

Analogous

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



1568DE



9A49BC



C82487

Triad

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



9A49BC



976200



008690

Complementary

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



9A49BC



6BBC49

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.



008553



9A49BC



637500

Square

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



9A49BC



BE4511



00800F



0084C4

Rectangle

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



9A49BC



D21B5F



00800F



00867C

Sweetspot

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



9A49BC



E8C9F5



496BBC



725F7A



FAFAFA



7A7A7A

Same Dimension

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



9A49BC



C042F5



BC49A5



5C555E



6F009E



16001F

Inverse Universe

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



BC496B



F54277



49BC60



5E5558



9E002F



1F0009

Previews

White Background



This preview shows how the Hex color 9A49BC looks on a white background.

Color Contrast Check

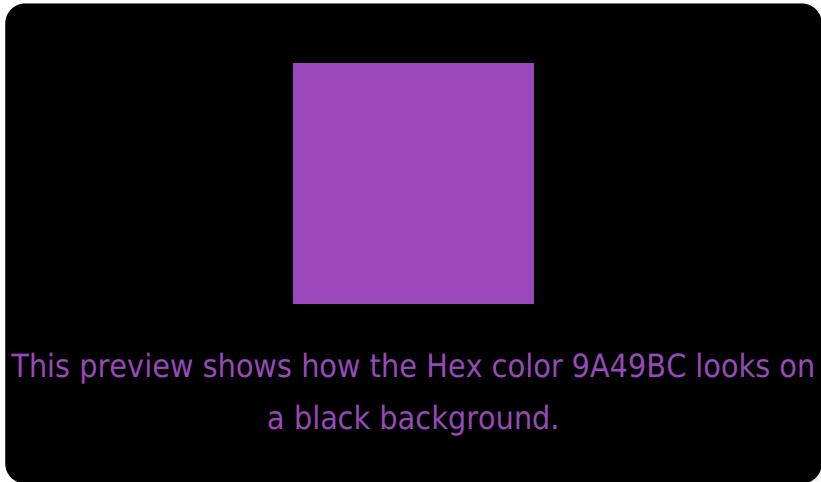
Large Text (above 18pt) WCAG AA ✓ Pass

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

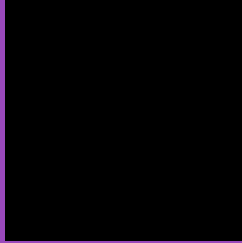
Any Text WCAG AA × Fail

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 9A49BC Background



This preview shows how black text looks on a background with the Hex color 9A49BC.

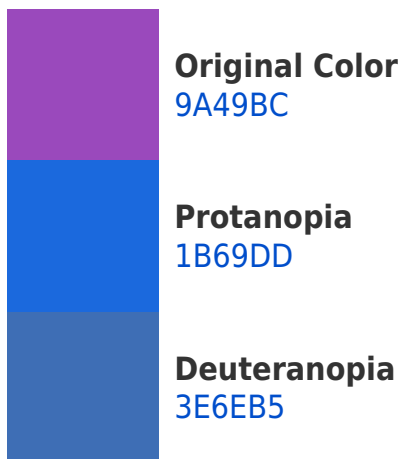



This preview shows how white text looks on a background with the Hex color 9A49BC.

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](#).

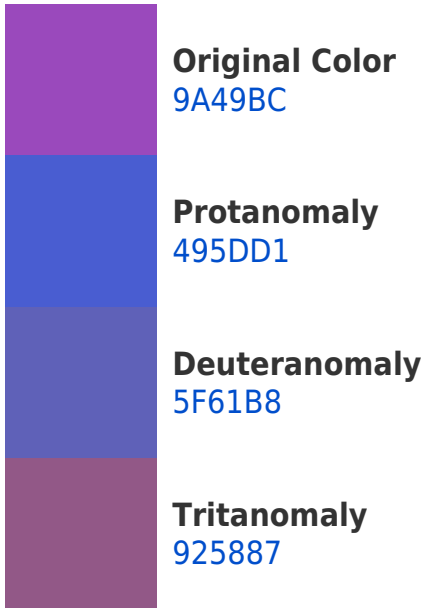
Dichromacy





Tritanopia
8D6168

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9A49BC 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 #9A49BC looks like.

```
.text, #text, p{  
    color:#9A49BC  
}
```

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 #9A49BC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A49BC
}
```

Border

The CSS property to change the border of an element to Hex 9A49BC is called "border". The border property can be set on classes, ids or directly on the HTML element.

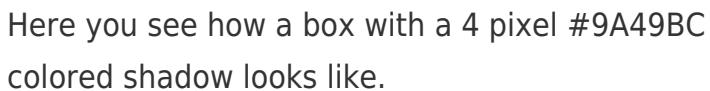
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9A49BC }
```

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

```
.border{ border-color:#9A49BC }
```

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



Here you see how a box with a 4 pixel #9A49BC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A49BC; -webkit-box-shadow:4px 4px  
4px 4px #9A49BC; box-shadow:4px 4px 4px  
4px #9A49BC }
```

Background

The CSS property to change the background color of an element to Hex 9A49BC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A49BC }
```

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

```
.background{ background-color:#9A49BC }
```

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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