

Converting Colors

Hex(9C3D7A)

Have a look what the booklet for
Hex(9C3D7A) contains.

Hex(9C3D7A)	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(9C3D7A)

Conversions

Conversions Part 1

Format	Color
Hex	9C3D7A
RGB	156, 61, 122
RGB Percent	61%, 24%, 48%
CMY	0.3882, 0.7608, 0.5216
CMYK	0.00, 0.61, 0.22, 0.39
HSL	321°, 44%, 43%
HSV	321°, 61%, 61%
XYZ	18.8919, 11.8105, 19.6963
YIQ	96.3590, 37.0390, 39.1110

Conversions

Conversions Part 2

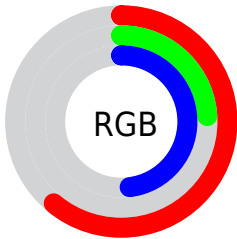
Format	Color
R_{YB}	156, 61, 122
Decimal	10239354
CIE _{Lab}	40.91, 46.48, -14.98
CIE _{LCh}	41, 48.837, 342.132
Yxy	11.8105, 0.3748, 0.2343
Android (android.graphics.Color)	4288429434 (0xFF9C3D7A)
YUV	96.3590, 12.6410, 52.3052
Hunter-Lab	34.3665, 37.9835, -9.9241

Details

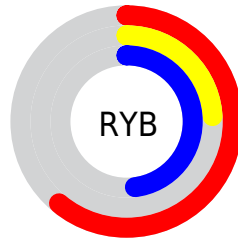
The Hex color **9C3D7A** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **3D9C5F**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **D572AE**, and **660049** is the 20% darker color. If you saturate the color by 10%, you get **9C2D74**, and if you desaturate by 10%, it is **9C4D80**.

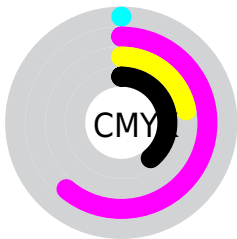
Distribution



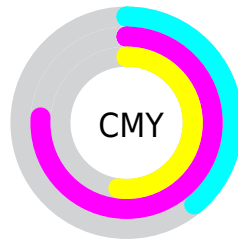
- Red (61%)
- Green (24%)
- Blue (48%)



- Red (61%)
- Yellow (24%)
- Blue (48%)



- Cyan (0%)
- Magenta (61%)
- Yellow (22%)
- Black (39%)



- Cyan (39%)
- Magenta (76%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9C3D7A 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 9C3D7A by changing the saturation by 10% instead.

 9C3D7A

 9C3D7A

FFFFFF

 802261

 D572AE

 660049

 F28CCA

 4B0033

 FFA8E6

 34001E

 FFC4FF

 110000

 FFE1FF

 000000

FFFEFF

 9C3D7A

 9C3D7A

 9C2D74

 9C4D80

9C1E6F

9C5C85

9C0E69

9C6C8B

9C0064

9C7B90

9C8B96

9C9B9B

9CAAA1

9CBAA7

9CC9AC

Harmonies

Analogous

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



774E9C



9C3D7A



A83852

Triad

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



9C3D7A



656400



007295

Complementary

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



9C3D7A



3D9C5F

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.



007370



9C3D7A



386D20

Square

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



9C3D7A



87560B



007246



006CAD

Rectangle

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



9C3D7A



A43F38



007246



00728A

Sweetspot

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



9C3D7A



CCA7BF



5E3D9C



66505E



E6E6E6



666666

Same Dimension

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



9C3D7A



CC3797



9C3D4B



4F474C



8F005C



0F000A

Inverse Universe

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



9C3D7A



CC3797



3D9C8E



4F474C



8F005C



0F000A

Previews

White Background



This preview shows how the Hex color 9C3D7A looks on a white background.

Color Contrast Check

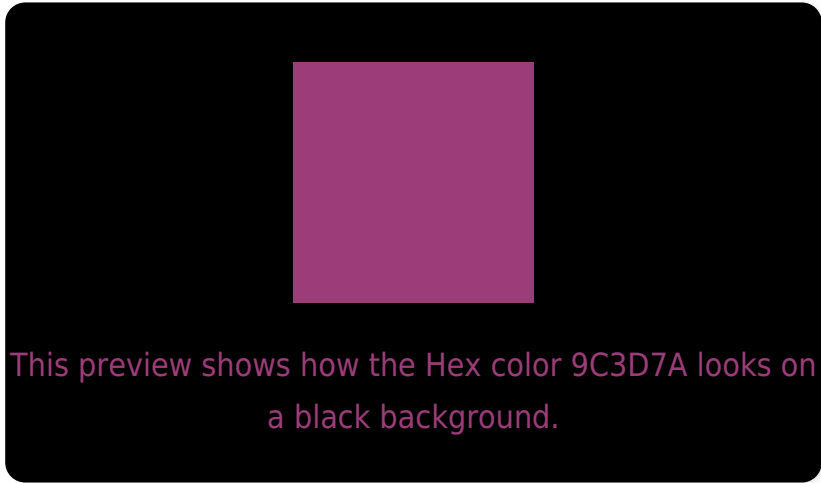
Large Text (above 18pt) WCAG AA ✓ Pass

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 9C3D7A Background



This preview shows how black text looks on a background with the Hex color 9C3D7A.

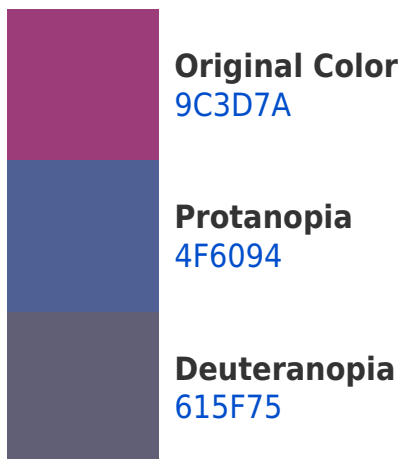



This preview shows how white text looks on a background with the Hex color 9C3D7A.

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
98484D

Trichromacy



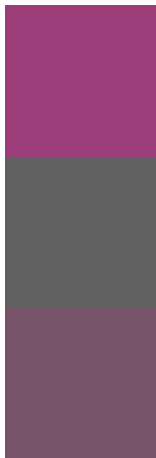
Original Color
9C3D7A

Protanomaly
6B538B

Deuteranomaly
765377

Tritanomaly
99445D

Monochromacy



Original Color
9C3D7A

Achromatopsia
606060

Achromatomaly
765369

CSS Examples

Text

The CSS property to change the color of the text to Hex 9C3D7A 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 #9C3D7A looks like.

```
.text, #text, p{  
    color:#9C3D7A  
}
```

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 #9C3D7A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C3D7A
}
```

Border

The CSS property to change the border of an element to Hex 9C3D7A is called "border". The border property can be set on classes, ids or directly on the HTML element.

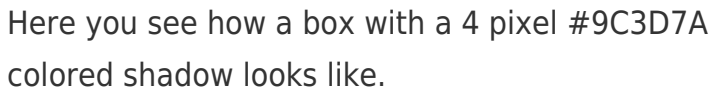
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9C3D7A }
```

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

```
.border{ border-color:#9C3D7A }
```

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



Here you see how a box with a 4 pixel #9C3D7A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C3D7A; -webkit-box-shadow:4px 4px  
4px 4px #9C3D7A; box-shadow:4px 4px 4px  
4px #9C3D7A }
```

Background

The CSS property to change the background color of an element to Hex 9C3D7A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C3D7A }
```

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

```
.background{ background-color:#9C3D7A }
```

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