

# Converting Colors

Hex(9A337C)

Have a look what the booklet for  
Hex(9A337C) contains.

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# Color

Hex(9A337C)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9A337C
RGB	154, 51, 124
RGB Percent	60%, 20%, 49%
CMY	0.3961, 0.8000, 0.5137
CMYK	0.00, 0.67, 0.19, 0.40
HSL	317°, 50%, 40%
HSV	317°, 67%, 60%
XYZ	18.1483, 10.6929, 20.1762
YIQ	90.1190, 37.9550, 44.5390

# Conversions

## Conversions Part 2

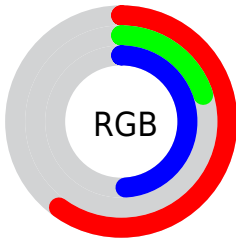
<b>Format</b>	<b>Color</b>
<b>RYB</b>	154, 51, 124
Decimal	10105724
CIELab	39.06, 50.60, -19.09
CIELCh	39, 54.081, 339.325
Yxy	10.6929, 0.3702, 0.2181
Android (android.graphics.Color)	4288295804 (0xFF9A337C)
YUV	90.1190, 16.7033, 56.0236
Hunter-Lab	32.7000, 41.8415, -13.6924

# Details

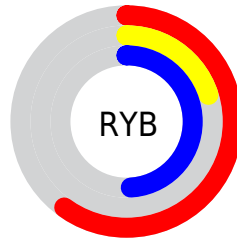
The Hex color **9A337C** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **339A51**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **D369B1**, and **63004B** is the 20% darker color. If you saturate the color by 10%, you get **9A2478**, and if you desaturate by 10%, it is **9A4280**.

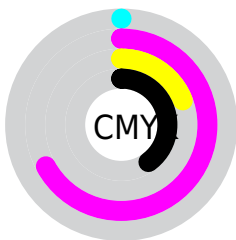
# Distribution



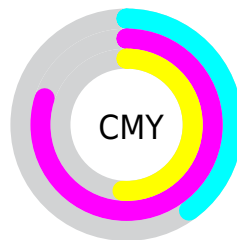
- Red (60%)
- Green (20%)
- Blue (49%)



- Red (60%)
- Yellow (20%)
- Blue (49%)



- Cyan (0%)
- Magenta (67%)
- Yellow (19%)
- Black (40%)



- Cyan (40%)
- Magenta (80%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9A337C 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 9A337C by changing the saturation by 10% instead.



 9A337C

 9A337C

FFFFFF

 7E1463

 D369B1

 63004B

 F084CC

 490034

 FF9FE8

 32001F

 FFBBFF

 090001

 FFD8FF

 000000

 FFF5FF

 9A337C

 9A337C

 9A2478

 9A4280

■ 9A1473

■ 9A5285

■ 9A056F

■ 9A6189

■ 9A006D

■ 9A718E

■ 9A8092

■ 9A8F97

■ 9A9F9B

■ 9AAEA0

■ 9ABEA4

# Harmonies

## Analogous

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



6E49A1



9A337C



A92A50

# Triad

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



9A337C



635E00



006F93

# Complementary

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



9A337C



339A51

# 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.



007069



9A337C



32680B

# Square

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



9A337C



884E00



006E3B



0069AE

# Rectangle

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



9A337C



A63334



006E3B



006F86



# Sweetspot

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



9A337C



C9A1BE



50339A



664E5F



E6E6E6



666666



# Same Dimension

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



9A337C



C9289B



9A3349



4D454A



8C0063



0D0009



# Inverse Universe

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



9A337C



C9289B



339A84



4D454A



8C0063

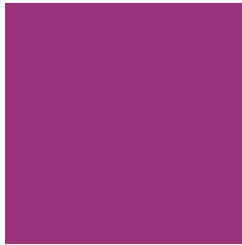


0D0009



# Previews

## White Background



This preview shows how the Hex color 9A337C looks on a white background.

## Color Contrast Check

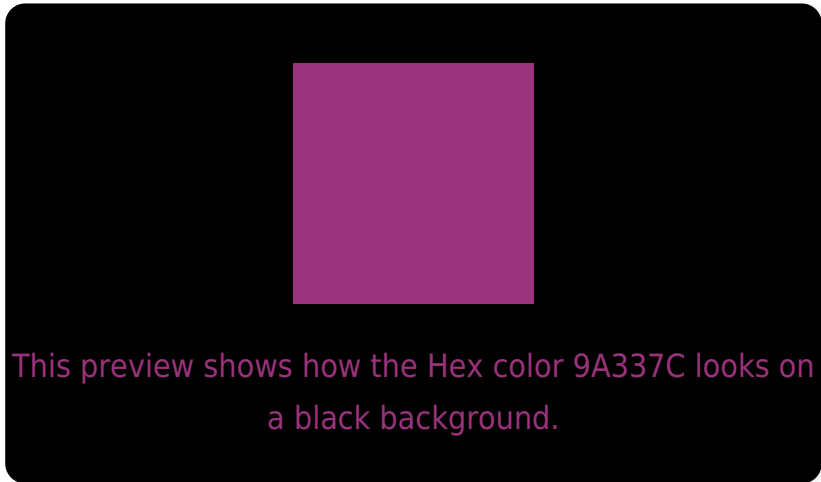
Large Text (above 18pt) WCAG AA ✓ Pass

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

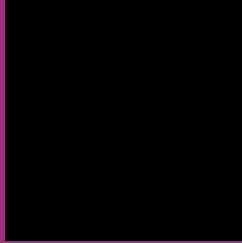
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 9A337C Background



This preview shows how black text looks on a background with the Hex color 9A337C.

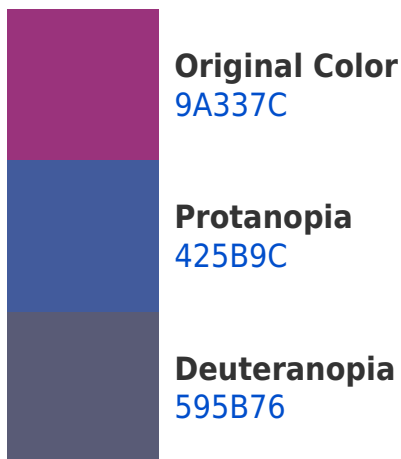



This preview shows how white text looks on a background with the Hex color 9A337C.

# 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](#).

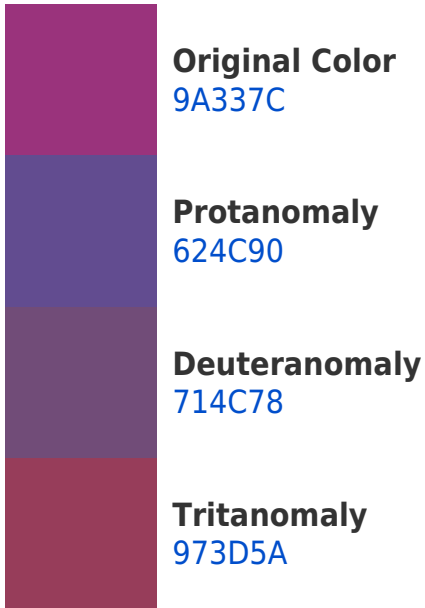
## Dichromacy



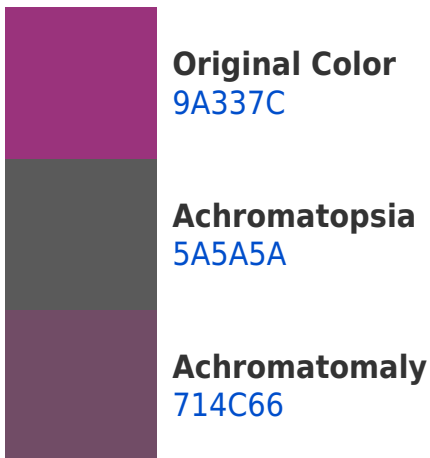


**Tritanopia**  
954246

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9A337C 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 #9A337C looks like.

```
.text, #text, p{  
    color:#9A337C  
}
```

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 #9A337C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A337C
}
```

## Border

The CSS property to change the border of an element to Hex 9A337C is called "border". The border property can be set on classes, ids or directly on the HTML element.

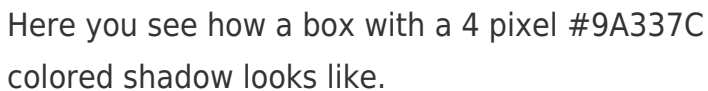
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9A337C }
```

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

```
.border{ border-color:#9A337C }
```

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



Here you see how a box with a 4 pixel #9A337C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A337C; -webkit-box-shadow:4px 4px  
4px 4px #9A337C; box-shadow:4px 4px 4px  
4px #9A337C }
```

# Background

The CSS property to change the background color of an element to Hex 9A337C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A337C }
```

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

```
.background{ background-color:#9A337C }
```

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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