

# Converting Colors

Hex(9A32A2)

Have a look what the booklet for  
Hex(9A32A2) contains.

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# Color

**Hex(9A32A2)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9A32A2
RGB	154, 50, 162
RGB Percent	60%, 20%, 64%
CMY	0.3961, 0.8039, 0.3647
CMYK	0.05, 0.69, 0.00, 0.36
HSL	296°, 53%, 42%
HSV	296°, 69%, 64%
XYZ	20.9886, 11.7599, 35.3461
YIQ	93.8640, 26.0320, 56.8800

# Conversions

## Conversions Part 2

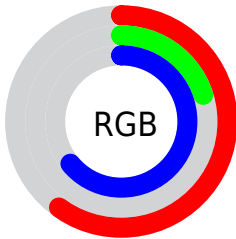
<b>Format</b>	<b>Color</b>
<b>RYB</b>	154, 50, 162
Decimal	10105506
CIELab	40.83, 57.25, -39.47
CIELCh	41, 69.538, 325.419
Yxy	11.7599, 0.3082, 0.1727
Android (android.graphics.Color)	4288295586 (0xFF9A32A2)
YUV	93.8640, 33.5910, 52.7393
Hunter-Lab	34.2927, 49.2377, -37.1064

# Details

The Hex color **9A32A2** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **3AA232**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **D369D9**, and **63006E** is the 20% darker color. If you saturate the color by 10%, you get **9922A2**, and if you desaturate by 10%, it is **9B42A2**.

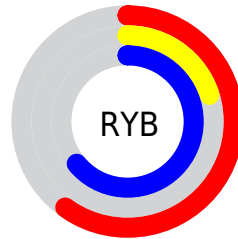
# Distribution



Red (60%)

Green (20%)

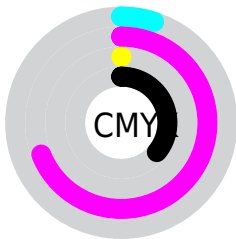
Blue (64%)



Red (60%)

Yellow (20%)

Blue (64%)

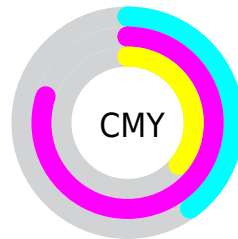


Cyan (5%)

Magenta (69%)

Yellow (0%)

Black (36%)



Cyan (40%)

Magenta (80%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9A32A2 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 9A32A2 by changing the saturation by 10% instead.



9A32A2

9A32A2

FFFFFF

7E1087

D369D9

63006E

F185F6

480055

FFA0FF

31003D

FFBDFE

0F0026

FFD9FF

00010F

FFF7FF

000000

9A32A2

9A32A2

9922A2

9B42A2

■ 9812A2

■ 9C52A2

■ 9701A2

■ 9D63A2

■ 9600A2

■ 9F73A2

■ A083A2

■ A193A2

■ A2A3A2

■ A3B4A2

■ A4C4A2

# Harmonies

## Analogous

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



3E55C9



9A32A2



BD006C

# Triad

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



9A32A2



7D5B00



007890

# Complementary

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



9A32A2



3AA232

# 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.



007755



9A32A2



466B00

# Square

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



9A32A2



A64000



007315



0075BE

# Rectangle

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



9A32A2



C10046



007315



00787D



# Sweetspot

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



9A32A2



D0A7D4



323BA2



69506B



EBEBEB



6B6B6B



# Same Dimension

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



9A32A2



C724D4



A23273



514952



870091



110012



# Inverse Universe

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



A2323A



D42431



32A261



52494A



91000A



120001



# Previews

## White Background



This preview shows how the Hex color 9A32A2 looks on a white background.

## Color Contrast Check

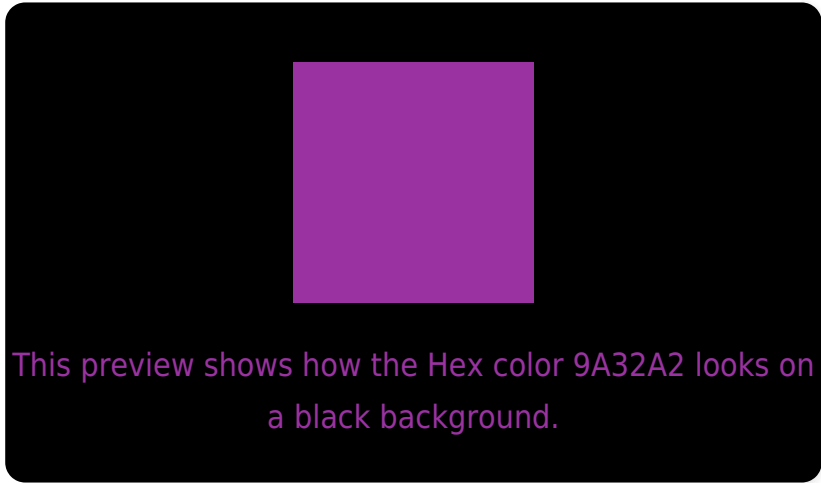
Large Text (above 18pt) WCAG AA ✓ Pass

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

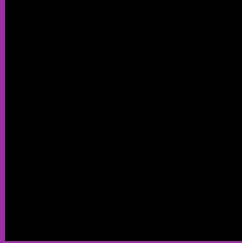
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 9A32A2 Background



This preview shows how black text looks on a background with the Hex color 9A32A2.

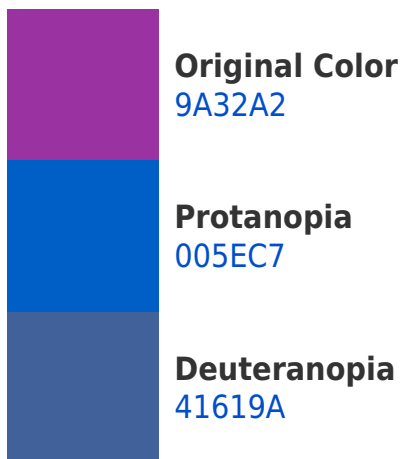


This preview shows how white text looks on a background with the Hex color 9A32A2.

# 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](#).

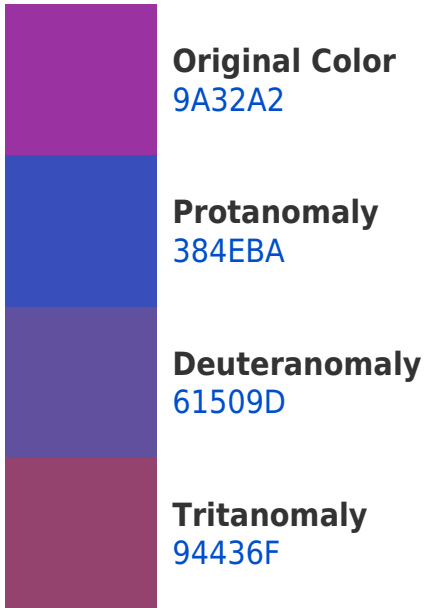
## Dichromacy



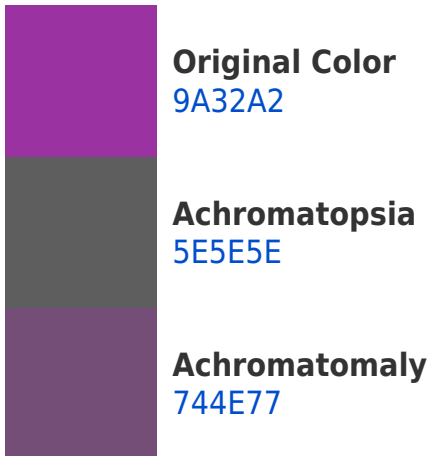


**Tritanopia**  
904C52

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9A32A2 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 #9A32A2 looks like.

```
.text, #text, p{  
    color:#9A32A2  
}
```

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 #9A32A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A32A2
}
```

## Border

The CSS property to change the border of an element to Hex 9A32A2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

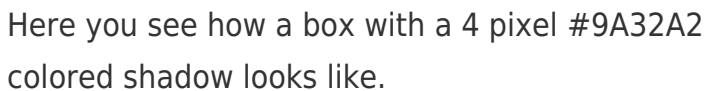
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9A32A2 }
```

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

```
.border{ border-color:#9A32A2 }
```

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



Here you see how a box with a 4 pixel #9A32A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A32A2; -webkit-box-shadow:4px 4px  
4px 4px #9A32A2; box-shadow:4px 4px 4px  
4px #9A32A2 }
```

# Background

The CSS property to change the background color of an element to Hex 9A32A2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A32A2 }
```

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

```
.background{ background-color:#9A32A2 }
```

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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