

# Converting Colors

Hex(9B2A84)

Have a look what the booklet for  
Hex(9B2A84) contains.

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# Color

**Hex(9B2A84)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9B2A84
RGB	155, 42, 132
RGB Percent	61%, 16%, 52%
CMY	0.3922, 0.8353, 0.4824
CMYK	0.00, 0.73, 0.15, 0.39
HSL	312°, 57%, 39%
HSV	312°, 73%, 61%
XYZ	18.5104, 10.2904, 22.8404
YIQ	86.0470, 38.4580, 51.9460

# Conversions

## Conversions Part 2

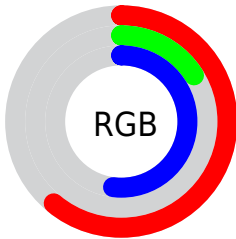
<b>Format</b>	<b>Color</b>
<b>RYB</b>	155, 42, 132
Decimal	10168964
CIELab	38.36, 55.52, -25.11
CIElCh	38, 60.932, 335.660
Yxy	10.2904, 0.3584, 0.1993
Android (android.graphics.Color)	4288359044 (0xFF9B2A84)
YUV	86.0470, 22.6548, 60.4718
Hunter-Lab	32.0787, 46.8622, -19.7601

# Details

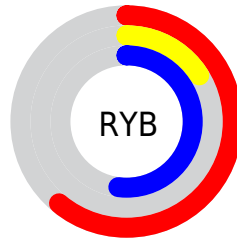
The Hex color **9B2A84** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **2A9B41**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **D462B9**, and **640052** is the 20% darker color. If you saturate the color by 10%, you get **9B1A81**, and if you desaturate by 10%, it is **9B3987**.

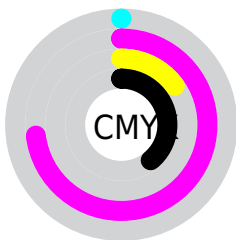
# Distribution



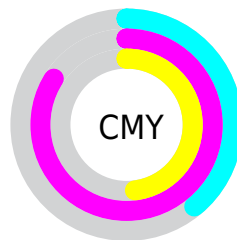
- Red (61%)
- Green (16%)
- Blue (52%)



- Red (61%)
- Yellow (16%)
- Blue (52%)



- Cyan (0%)
- Magenta (73%)
- Yellow (15%)
- Black (39%)



- Cyan (39%)
- Magenta (84%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9B2A84 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 9B2A84 by changing the saturation by 10% instead.



9B2A84

9B2A84

FFFFFF

7F016B

D462B9

640052

F27ED5

49003B

FF99F2

320025

FFB5FF

08000C

FFD2FF

000000

FFEEFF

9B2A84

9B2A84

9B1A81

9B3987

 9B0B7E

 9B498A

 9B007B

 9B588D

 9B6891

 9B7894

 9B8797

 9B969A

 9BA69D

 9BB5A0

# Harmonies

## Analogous

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



6448AC



9B2A84



AF1653

# Triad

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



9B2A84



665B00



006F93

# Complementary

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



9B2A84



2A9B41

# 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.



006F63



9B2A84



306700

# Square

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



9B2A84



8D4800



006D2F



006AB5

# Rectangle

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



9B2A84



AD2333



006D2F



006F84



# Sweetspot

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



9B2A84



C99DC0



412A9B



664B61



E6E6E6



666666



# Same Dimension

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



9B2A84



C91AA6



9B2A4C



4D454B



8C0070



0D000A



# Inverse Universe

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



9B2A84



C91AA6



2A9B79



4D454B



8C0070



0D000A



# Previews

## White Background



This preview shows how the Hex color 9B2A84 looks on a white background.

## Color Contrast Check

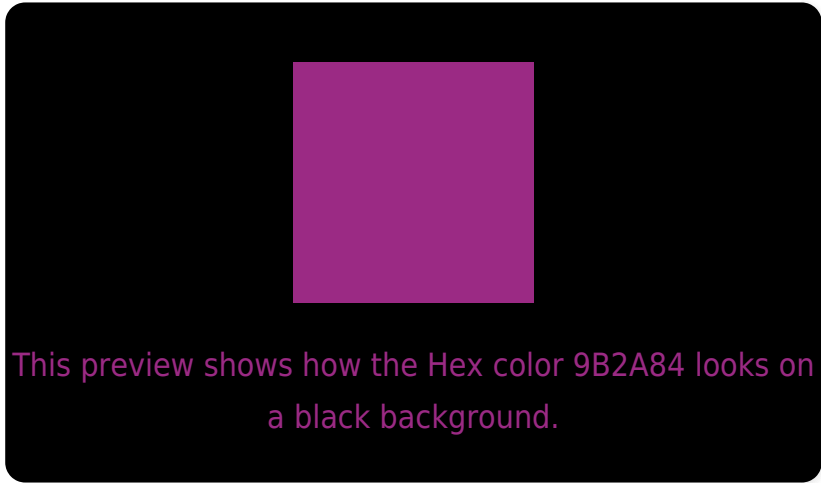
Large Text (above 18pt) WCAG AA ✓ Pass

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

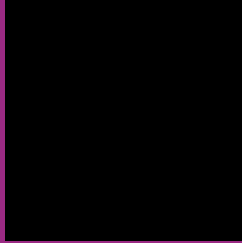
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 9B2A84 Background



This preview shows how black text looks on a background with the Hex color 9B2A84.

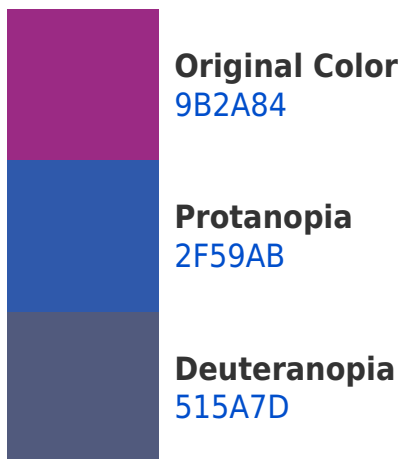


This preview shows how white text looks on a background with the Hex color 9B2A84.

# 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**  
953F43

# Trichromacy



**Original Color**  
9B2A84



**Protanomaly**  
56489D



**Deuteranomaly**  
6C4980



**Tritanomaly**  
97375B

# Monochromacy



**Original Color**  
9B2A84



**Achromatopsia**  
565656



**Achromatomaly**  
6F4667

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9B2A84 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 #9B2A84 looks like.

```
.text, #text, p{  
    color:#9B2A84  
}
```

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 #9B2A84 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B2A84
}
```

## Border

The CSS property to change the border of an element to Hex 9B2A84 is called "border". The border property can be set on classes, ids or directly on the HTML element.

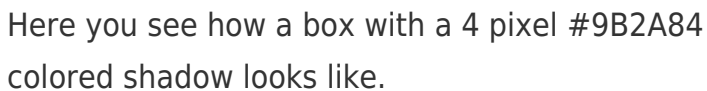
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9B2A84 }
```

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

```
.border{ border-color:#9B2A84 }
```

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



Here you see how a box with a 4 pixel #9B2A84 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B2A84; -webkit-box-shadow:4px 4px  
4px 4px #9B2A84; box-shadow:4px 4px 4px  
4px #9B2A84 }
```

# Background

The CSS property to change the background color of an element to Hex 9B2A84 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B2A84 }
```

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

```
.background{ background-color:#9B2A84 }
```

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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