

# Converting Colors

Hex(923F9B)

Have a look what the booklet for  
Hex(923F9B) contains.

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# Color

**Hex(923F9B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	923F9B
RGB	146, 63, 155
RGB Percent	57%, 25%, 61%
CMY	0.4275, 0.7529, 0.3922
CMYK	0.06, 0.59, 0.00, 0.39
HSL	294°, 42%, 43%
HSV	294°, 59%, 61%
XYZ	19.5480, 12.0326, 32.3026
YIQ	98.3050, 19.9360, 46.2080

# Conversions

## Conversions Part 2

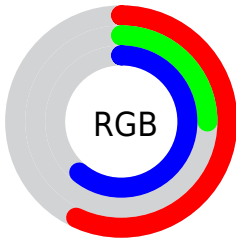
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	146, 63, 155
Decimal	9584539
CIE <sub>Lab</sub>	41.27, 48.29, -34.65
CIE <sub>LCh</sub>	41, 59.439, 324.339
Yxy	12.0326, 0.3060, 0.1884
Android (android.graphics.Color)	4287774619 (0xFF923F9B)
YUV	98.3050, 27.9506, 41.8285
Hunter-Lab	34.6880, 39.8874, -30.9312

# Details

The Hex color **923F9B** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **489B3F**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **CA73D2**, and **5C0267** is the 20% darker color. If you saturate the color by 10%, you get **90309B**, and if you desaturate by 10%, it is **944E9B**.

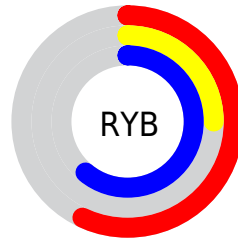
# Distribution



Red (57%)

Green (25%)

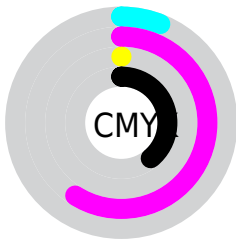
Blue (61%)



Red (57%)

Yellow (25%)

Blue (61%)

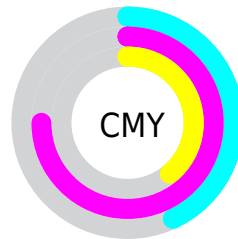


Cyan (6%)

Magenta (59%)

Yellow (0%)

Black (39%)



Cyan (43%)

Magenta (75%)

Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 923F9B 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 923F9B by changing the saturation by 10% instead.





923F9B



923F9B

FFFFFF



772481



CA73D2



5C0267



E78EEE



43004F



FFAAFF



2C0038



FFC6FF



040021



FFE2FF



000006



000000



923F9B



923F9B



90309B



944E9B

8F209B

955E9B

8D119B

976E9B

8C019B

987D9B

8C009B

9A8C9B

9B9C9B

9DAB9B

9EBB9B

A0CB9B

# Harmonies

## Analogous

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



4858BB



923F9B



B2286D

# Triad

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



923F9B



7E5C00



007788

# Complementary

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



923F9B



489B3F

# 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.



007656



923F9B



506A00

# Square

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



923F9B



A1460B



007223



0074B0

# Rectangle

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



923F9B



B6284C



007223



007778



# Sweetspot

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



923F9B



C6A5C9



3F489B



645066



E6E6E6



666666



# Same Dimension

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



923F9B



BB3AC9



9B3F76



4C454D



7F008C



0C000D



# Inverse Universe

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



9B3F48



C93A48



3F9B64



4D4546



8C000E



0D0001



# Previews

## White Background



This preview shows how the Hex color 923F9B 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

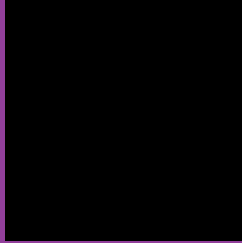
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 923F9B Background



This preview shows how black text looks on a background with the Hex color 923F9B.

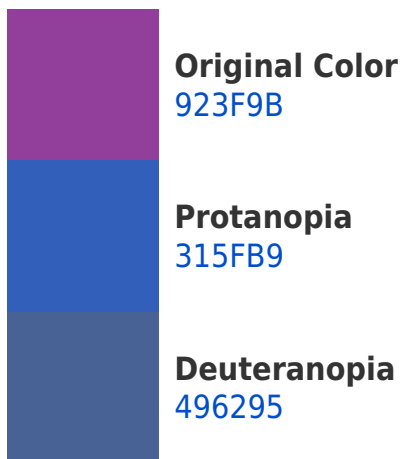



This preview shows how white text looks on a background with the Hex color 923F9B.

# 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



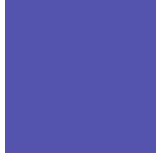


**Tritanopia**  
895258

# Trichromacy



**Original Color**  
923F9B



**Protanomaly**  
5453AE



**Deuteranomaly**  
645597



**Tritanomaly**  
8C4B70

# Monochromacy



**Original Color**  
923F9B



**Achromatopsia**  
626262



**Achromatomaly**  
735577

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 923F9B 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 #923F9B looks like.

```
.text, #text, p{  
    color:#923F9B  
}
```

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 #923F9B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #923F9B
}
```

## Border

The CSS property to change the border of an element to Hex 923F9B is called "border". The border property can be set on classes, ids or directly on the HTML element.

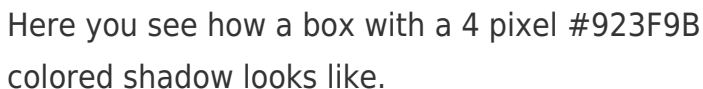
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#923F9B }
```

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

```
.border{ border-color:#923F9B }
```

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



Here you see how a box with a 4 pixel #923F9B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #923F9B; -webkit-box-shadow:4px 4px  
4px 4px #923F9B; box-shadow:4px 4px 4px  
4px #923F9B }
```

# Background

The CSS property to change the background color of an element to Hex 923F9B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#923F9B }
```

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

```
.background{ background-color:#923F9B }
```

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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