

# Converting Colors

Hex(903B8D)

Have a look what the booklet for  
Hex(903B8D) contains.

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# Color

**Hex(903B8D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	903B8D
RGB	144, 59, 141
RGB Percent	56%, 23%, 55%
CMY	0.4353, 0.7686, 0.4471
CMYK	0.00, 0.59, 0.02, 0.44
HSL	302°, 42%, 40%
HSV	302°, 59%, 56%
XYZ	17.8733, 10.9803, 26.3767
YIQ	93.7630, 24.3380, 43.5220

# Conversions

## Conversions Part 2

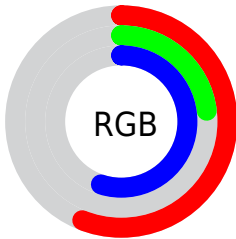
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	144, 59, 141
Decimal	9452429
CIE <sub>Lab</sub>	39.55, 47.03, -28.90
CIE <sub>LCh</sub>	40, 55.201, 328.424
Yxy	10.9803, 0.3236, 0.1988
Android (android.graphics.Color)	4287642509 (0xFF903B8D)
YUV	93.7630, 23.2878, 44.0578
Hunter-Lab	33.1365, 38.2909, -23.9992

# Details

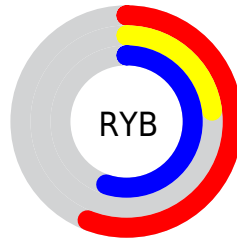
The Hex color **903B8D** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **3B903E**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **C86FC3**, and **5B005A** is the 20% darker color. If you saturate the color by 10%, you get **902D8C**, and if you desaturate by 10%, it is **90498E**.

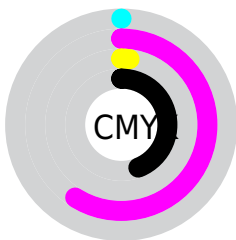
# Distribution



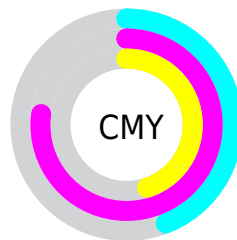
- Red (56%)
- Green (23%)
- Blue (55%)



- Red (56%)
- Yellow (23%)
- Blue (55%)



- Cyan (0%)
- Magenta (59%)
- Yellow (2%)
- Black (44%)



- Cyan (44%)
- Magenta (77%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 903B8D 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 903B8D by changing the saturation by 10% instead.



 903B8D

 903B8D

FFFFFF

 752073

 C86FC3

 5B005A

 E58ADF

 410043

 FFA5FC

 2C002C

 FFC1FF

 000016

 FFDEFF

 000000

 FFFBFF

 903B8D

 903B8D

 902D8C

 90498E

901E8C

90588E

90108B

90668F

90018B

90758F

90008B

908390

909190

90A091

90AE91

90BD92

# Harmonies

## Analogous

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



5452AD



903B8D



A92A62

# Triad

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



903B8D



735A00



007187

# Complementary

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



903B8D



3B903E

# 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.



007159



903B8D



476700

# Square

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



903B8D



954808



006E2A



006DAA

# Rectangle

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



903B8D



AC2C44



006E2A



007178



# Sweetspot

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



903B8D



BA99B9



3E3B90



5E4A5E



DEDEDE



5E5E5E



# Same Dimension

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



903B8D



BA36B5



903B63



474047



870082



080007



# Inverse Universe

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



903B8D



BA36B5



3B9068



474047



870082



080007



# Previews

## White Background



This preview shows how the Hex color 903B8D looks on a white background.

## Color Contrast Check

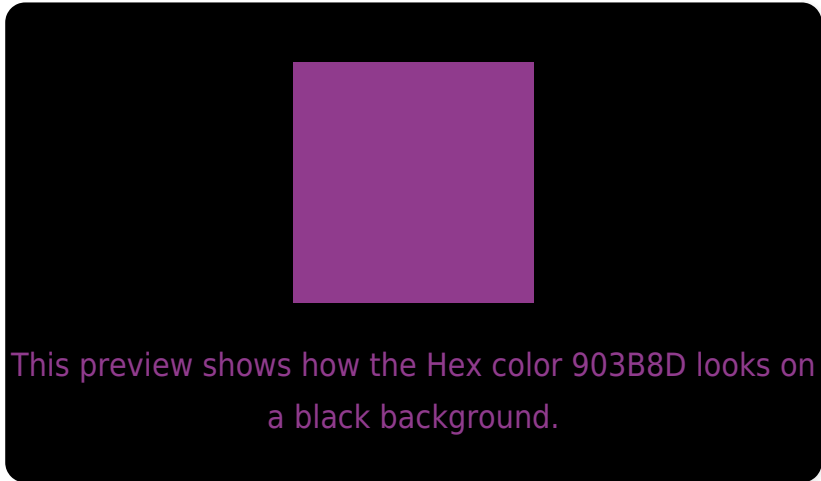
Large Text (above 18pt) WCAG AA ✓ Pass

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

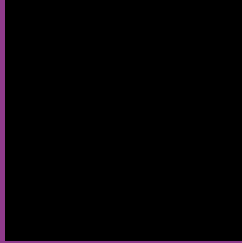
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 903B8D Background



This preview shows how black text looks on a background with the Hex color 903B8D.

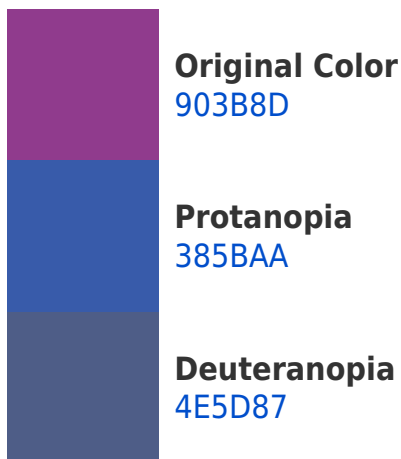


This preview shows how white text looks on a background with the Hex color 903B8D.

# 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](#).

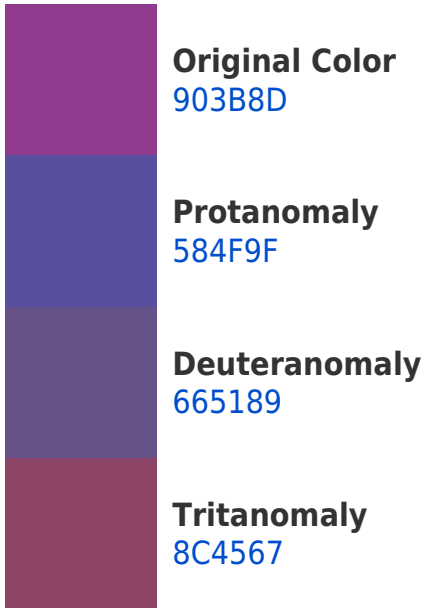
## Dichromacy



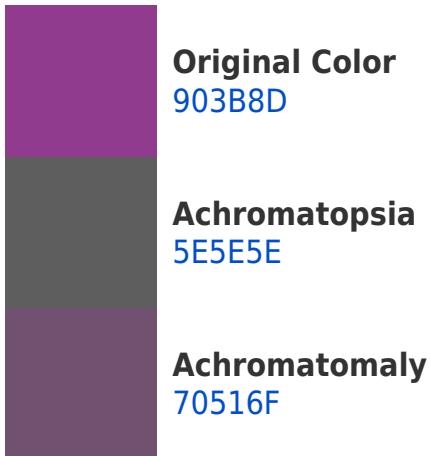


**Tritanopia**  
894B51

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 903B8D 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 #903B8D looks like.

```
.text, #text, p{  
    color:#903B8D  
}
```

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 #903B8D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #903B8D
}
```

## Border

The CSS property to change the border of an element to Hex 903B8D is called "border". The border property can be set on classes, ids or directly on the HTML element.

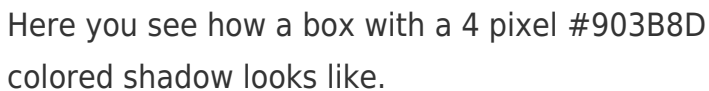
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#903B8D }
```

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

```
.border{ border-color:#903B8D }
```

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



Here you see how a box with a 4 pixel #903B8D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #903B8D; -webkit-box-shadow:4px 4px  
4px 4px #903B8D; box-shadow:4px 4px 4px  
4px #903B8D }
```

# Background

The CSS property to change the background color of an element to Hex 903B8D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#903B8D }
```

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

```
.background{ background-color:#903B8D }
```

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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