

# Converting Colors

Hex(923B94)

Have a look what the booklet for  
Hex(923B94) contains.

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# Color

Hex(923B94)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	923B94
RGB	146, 59, 148
RGB Percent	57%, 23%, 58%
CMY	0.4275, 0.7686, 0.4196
CMYK	0.01, 0.60, 0.00, 0.42
HSL	299°, 43%, 41%
HSV	299°, 60%, 58%
XYZ	18.7633, 11.3770, 29.2240
YIQ	95.1590, 23.2830, 46.1230

# Conversions

## Conversions Part 2

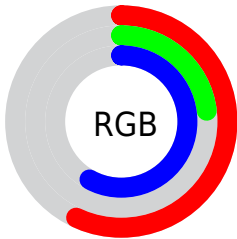
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	146, 59, 148
Decimal	9583508
CIE Lab	40.21, 48.86, -32.10
CIE LCh	40, 58.458, 326.695
Yxy	11.3770, 0.3161, 0.1916
Android (android.graphics.Color)	4287773588 (0xFF923B94)
YUV	95.1590, 26.0506, 44.5876
Hunter-Lab	33.7299, 40.2691, -27.7588

# Details

The Hex color **923B94** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **3D943B**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **CA70CA**, and **5C0061** is the 20% darker color. If you saturate the color by 10%, you get **922C94**, and if you desaturate by 10%, it is **924A94**.

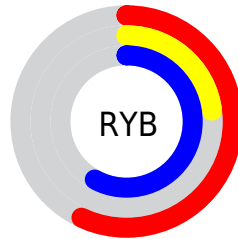
# Distribution



Red (57%)

Green (23%)

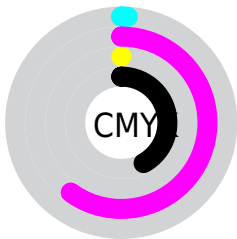
Blue (58%)



Red (57%)

Yellow (23%)

Blue (58%)

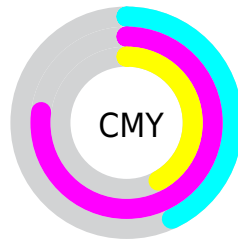


Cyan (1%)

Magenta (60%)

Yellow (0%)

Black (42%)



Cyan (43%)

Magenta (77%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 923B94 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 923B94 by changing the saturation by 10% instead.



 923B94

 923B94

FFFFFF

 771F7A

 CA70CA

 5C0061

 E78AE7

 430049

 FFA6FF

 2D0032

 FFC2FF

 00001C

 FFDEFF

 000000

 FFFBFF

 923B94

 923B94

 922C94

 924A94

 911D94

 935994

 910F94

 936794

 910094

 937694

 948594

 949494

 94A394

 95B194

 95C094

# Harmonies

## Analogous

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



4E54B5



923B94



AF2566

# Triad

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



923B94



785B00



007489

# Complementary

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



923B94



3D943B

# 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.



007358



923B94



496800

# Square

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



923B94



9B4605



007026



0070AF

# Rectangle

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



923B94



B22846



007026



007479



# Sweetspot

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



923B94



BE9DBF



3B3E94



604C61



E0E0E0



616161



# Same Dimension

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



923B94



BC36BF



943B6A



4A434A



87008A



0A000A



# Inverse Universe

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



943B3D



BF3639



3B9465



4A4343



8A0003



0A0000



# Previews

## White Background



This preview shows how the Hex color 923B94 looks on a white background.

## Color Contrast Check

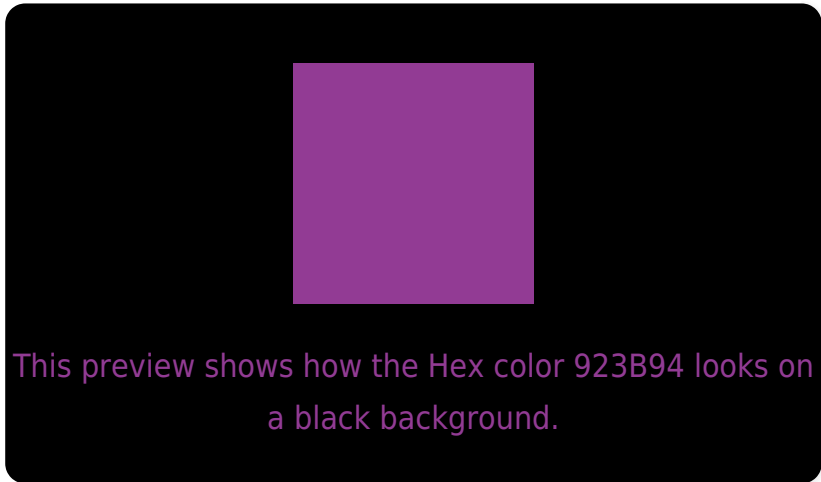
Large Text (above 18pt) WCAG AA ✓ Pass

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

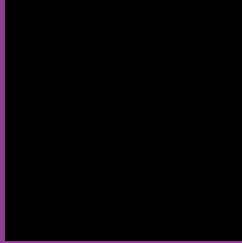
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 923B94 Background



This preview shows how black text looks on a background with the Hex color 923B94.

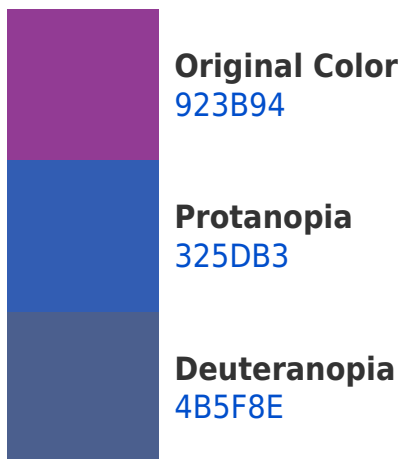



This preview shows how white text looks on a background with the Hex color 923B94.

# 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**  
8A4D53

# Trichromacy



**Original Color**  
923B94



**Protanomaly**  
5551A8



**Deuteranomaly**  
655290



**Tritanomaly**  
8D466B

# Monochromacy



**Original Color**  
923B94



**Achromatopsia**  
5F5F5F



**Achromatomaly**  
725272

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 923B94 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 #923B94 looks like.

```
.text, #text, p{  
    color:#923B94  
}
```

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 #923B94 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #923B94
}
```

## Border

The CSS property to change the border of an element to Hex 923B94 is called "border". The border property can be set on classes, ids or directly on the HTML element.

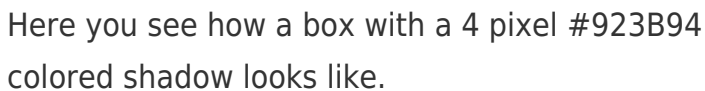
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#923B94 }
```

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

```
.border{ border-color:#923B94 }
```

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



Here you see how a box with a 4 pixel #923B94 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #923B94; -webkit-box-shadow:4px 4px  
4px 4px #923B94; box-shadow:4px 4px 4px  
4px #923B94 }
```

# Background

The CSS property to change the background color of an element to Hex 923B94 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#923B94 }
```

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

```
.background{ background-color:#923B94 }
```

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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