

# Converting Colors

Hex(923971)

Have a look what the booklet for  
Hex(923971) contains.

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**Color**

**Hex(923971)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	923971
RGB	146, 57, 113
RGB Percent	57%, 22%, 44%
CMY	0.4275, 0.7765, 0.5569
CMYK	0.00, 0.61, 0.23, 0.43
HSL	322°, 44%, 40%
HSV	322°, 61%, 57%
XYZ	16.2978, 10.2295, 16.7383
YIQ	89.9950, 35.0680, 36.2840

# Conversions

## Conversions Part 2

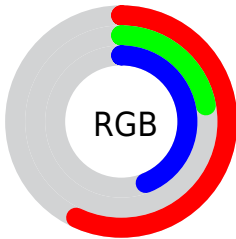
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	146, 57, 113
Decimal	9582961
CIE <sub>Lab</sub>	38.25, 43.94, -13.60
CIE <sub>LCh</sub>	38, 45.995, 342.799
Y <sub>xy</sub>	10.2295, 0.3767, 0.2364
Android (android.graphics.Color)	4287773041 (0xFF923971)
YUV	89.9950, 11.3415, 49.1164
Hunter-Lab	31.9836, 34.9867, -8.6403

# Details

The Hex color **923971** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **39925A**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **CA6DA5**, and **5C0041** is the 20% darker color. If you saturate the color by 10%, you get **922A6C**, and if you desaturate by 10%, it is **924876**.

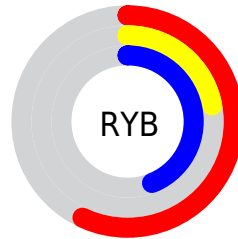
# Distribution



Red (57%)

Green (22%)

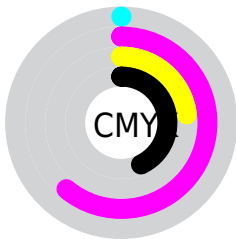
Blue (44%)



Red (57%)

Yellow (22%)

Blue (44%)

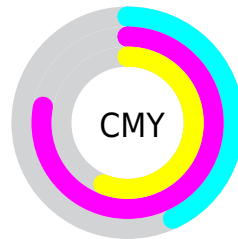


Cyan (0%)

Magenta (61%)

Yellow (23%)

Black (43%)



Cyan (43%)

Magenta (78%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 923971 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 923971 by changing the saturation by 10% instead.



923971

923971

FFFFFF

771E58

CA6DA5

5C0041

E788C0

42002B

FFA3DC

2C0017

FFBFF8

000000

FFDBFF

FFF8FF

923971

923971

922A6C

924876

921C66

92567C

920D61

926581

92005C

927387

92828C

929191

929F97

92AE9C

92BCA2

# Harmonies

## Analogous

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



704991



923971



9D354C

# Triad

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



923971



5D5D02



006A8C

# Complementary

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



923971



39925A

# 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.



006B69



923971



33661F

# Square

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



923971



7E500A



006A43



0064A1

# Rectangle

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



923971



993C34



006A43



006B82



# Sweetspot

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



923971



BD9BB0



5A3992



5E4A57



DEDEDE



5E5E5E



# Same Dimension

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



923971



BD338A



923945



4A4347



8A0057



0A0006



# Inverse Universe

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



923971



BD338A



399286



4A4347



8A0057

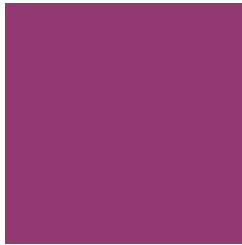


0A0006



# Previews

## White Background



This preview shows how the Hex color 923971 looks on a white background.

## Color Contrast Check

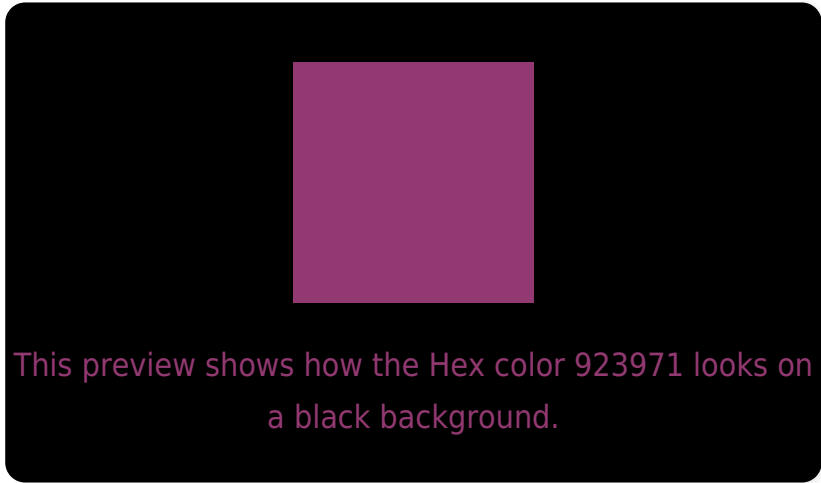
Large Text (above 18pt) WCAG AA ✓ Pass

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

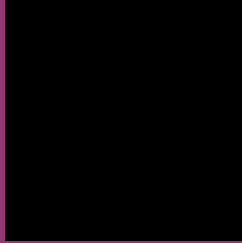
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 923971 Background



This preview shows how black text looks on a background with the Hex color 923971.

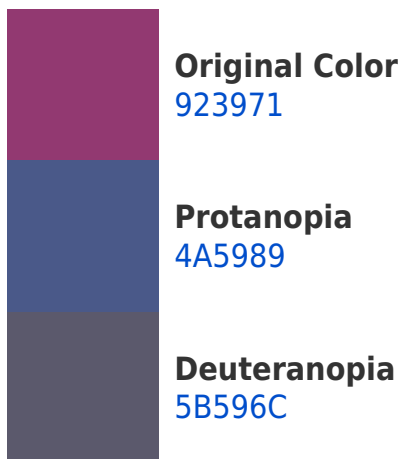



This preview shows how white text looks on a background with the Hex color 923971.

# 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**  
8E4348

# Trichromacy



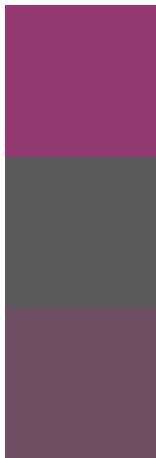
**Original Color**  
923971

**Protanomaly**  
644D80

**Deuteranomaly**  
6F4D6E

**Tritanomaly**  
8F3F57

# Monochromacy



**Original Color**  
923971

**Achromatopsia**  
5A5A5A

**Achromatomaly**  
6E4E62

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 923971 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 #923971 looks like.

```
.text, #text, p{  
    color:#923971  
}
```

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 #923971 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #923971  
}
```

## Border

The CSS property to change the border of an element to Hex 923971 is called "border". The border property can be set on classes, ids or directly on the HTML element.

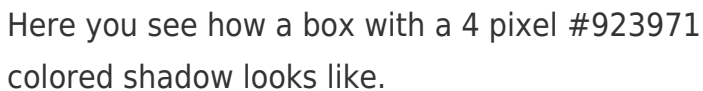
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#923971 }
```

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

```
.border{ border-color:#923971 }
```

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



Here you see how a box with a 4 pixel #923971 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #923971; -webkit-box-shadow:4px 4px  
4px 4px #923971; box-shadow:4px 4px 4px  
4px #923971 }
```

# Background

The CSS property to change the background color of an element to Hex 923971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#923971 }
```

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

```
.background{ background-color:#923971 }
```

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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