

# Converting Colors

Hex(913B7B)

Have a look what the booklet for  
Hex(913B7B) contains.

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# Color

**Hex(913B7B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	913B7B
RGB	145, 59, 123
RGB Percent	57%, 23%, 48%
CMY	0.4314, 0.7686, 0.5176
CMYK	0.00, 0.59, 0.15, 0.43
HSL	315°, 42%, 40%
HSV	315°, 59%, 57%
XYZ	16.8162, 10.5777, 19.8943
YIQ	92.0100, 30.7120, 38.1360

# Conversions

## Conversions Part 2

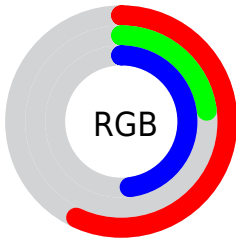
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	145, 59, 123
Decimal	9517947
CIE <sub>Lab</sub>	38.86, 44.23, -18.90
CIE <sub>LCh</sub>	39, 48.099, 336.859
Yxy	10.5777, 0.3556, 0.2237
Android (android.graphics.Color)	4287708027 (0xFF913B7B)
YUV	92.0100, 15.2781, 46.4722
Hunter-Lab	32.5234, 35.3771, -13.5008

# Details

The Hex color **913B7B** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **3B9151**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **C96FB0**, and **5C004A** is the 20% darker color. If you saturate the color by 10%, you get **912D77**, and if you desaturate by 10%, it is **914A7F**.

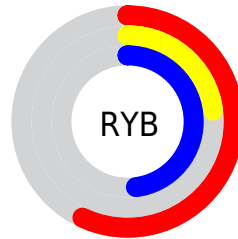
# Distribution



Red (57%)

Green (23%)

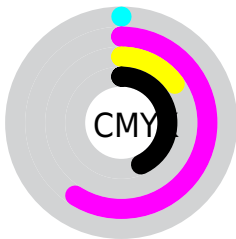
Blue (48%)



Red (57%)

Yellow (23%)

Blue (48%)

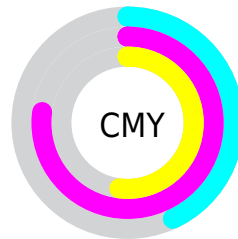


Cyan (0%)

Magenta (59%)

Yellow (15%)

Black (43%)



Cyan (43%)

Magenta (77%)

Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 913B7B 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 913B7B by changing the saturation by 10% instead.



913B7B

913B7B

FFFFFF

762062

C96FB0

5C004A

E689CB

420033

FFA5E7

2C001E

FFC1FF

000000

FFDDFF

FFFAFF

913B7B

913B7B

912D77

914A7F

911E74

915882

910F70

916686

91016C

91758A

91006C

91848E

919291

91A195

91AF99

91BE9C

# Harmonies

## Analogous

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



684D9A



913B7B



A13354

# Triad

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



913B7B



665D00



006D8A

# Complementary

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



913B7B



3B9151

# 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.



006E64



913B7B



3D6615

# Square

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



913B7B



864E0C



006C3B



0068A3

# Rectangle

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



913B7B



9F383B



006C3B



006D7E



# Sweetspot

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



913B7B



BD9BB4



513B91



5E4A59



DEDEDE



5E5E5E



# Same Dimension

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



913B7B



BD379A



913B51



474046



870065



080006



# Inverse Universe

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



913B7B



BD379A



3B917C



474046



870065

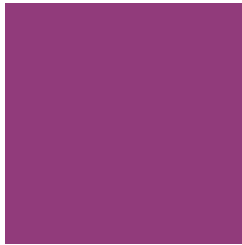


080006



# Previews

## White Background



This preview shows how the Hex color 913B7B looks on a white background.

## Color Contrast Check

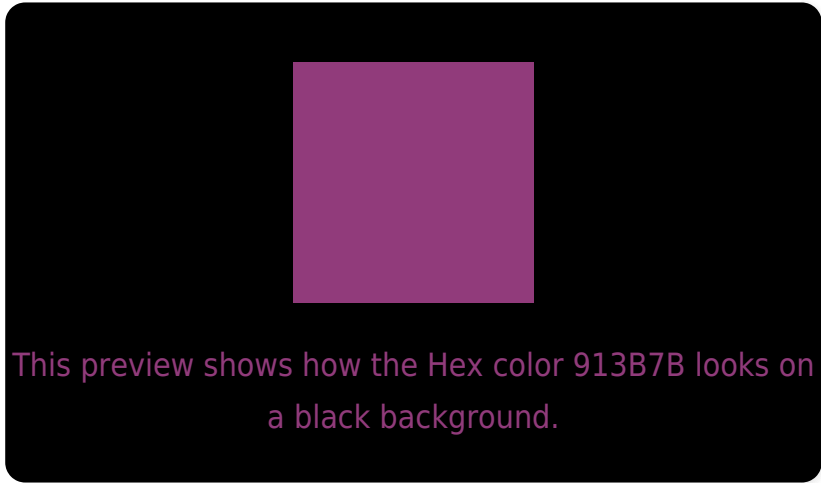
Large Text (above 18pt) WCAG AA ✓ Pass

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

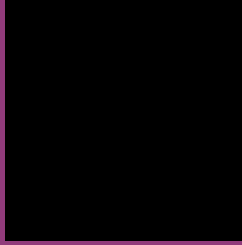
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 913B7B Background



This preview shows how black text looks on a background with the Hex color 913B7B.

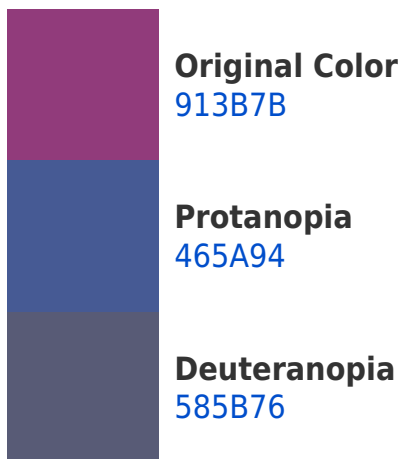



This preview shows how white text looks on a background with the Hex color 913B7B.

# 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](#).

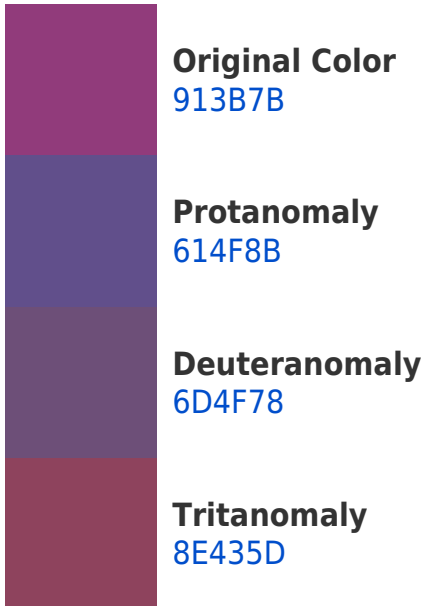
## Dichromacy





**Tritanopia**  
8C474C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 913B7B 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 #913B7B looks like.

```
.text, #text, p{  
    color:#913B7B  
}
```

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 #913B7B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #913B7B
}
```

## Border

The CSS property to change the border of an element to Hex 913B7B is called "border". The border property can be set on classes, ids or directly on the HTML element.

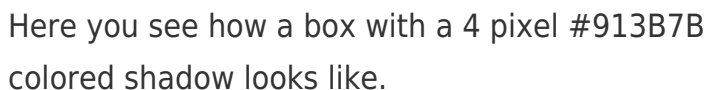
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#913B7B }
```

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

```
.border{ border-color:#913B7B }
```

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



Here you see how a box with a 4 pixel #913B7B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #913B7B; -webkit-box-shadow:4px 4px  
4px 4px #913B7B; box-shadow:4px 4px 4px  
4px #913B7B }
```

# Background

The CSS property to change the background color of an element to Hex 913B7B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#913B7B }
```

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

```
.background{ background-color:#913B7B }
```

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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