

# Converting Colors

Hex(913E8B)

Have a look what the booklet for  
Hex(913E8B) contains.

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# Color

**Hex(913E8B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	913E8B
RGB	145, 62, 139
RGB Percent	57%, 24%, 55%
CMY	0.4314, 0.7569, 0.4549
CMYK	0.00, 0.57, 0.04, 0.43
HSL	304°, 40%, 41%
HSV	304°, 57%, 57%
XYZ	18.0599, 11.3291, 25.6610
YIQ	95.5950, 24.7510, 41.5430

# Conversions

## Conversions Part 2

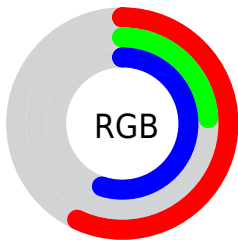
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	145, 62, 139
Decimal	9518731
CIE <sub>Lab</sub>	40.13, 45.51, -26.76
CIE <sub>LCh</sub>	40, 52.799, 329.543
Yxy	11.3291, 0.3281, 0.2058
Android (android.graphics.Color)	4287708811 (0xFF913E8B)
YUV	95.5950, 21.3987, 43.3282
Hunter-Lab	33.6587, 36.8731, -21.6409

# Details

The Hex color **913E8B** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **3E9144**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **C972C1**, and **5C0259** is the 20% darker color. If you saturate the color by 10%, you get **912F8A**, and if you desaturate by 10%, it is **914D8C**.

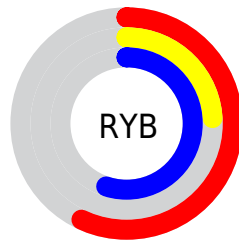
# Distribution



Red (57%)

Green (24%)

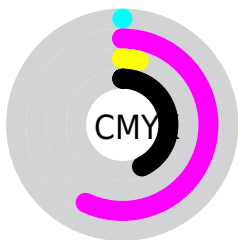
Blue (55%)



Red (57%)

Yellow (24%)

Blue (55%)

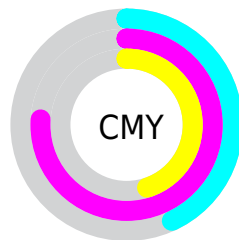


Cyan (0%)

Magenta (57%)

Yellow (4%)

Black (43%)



Cyan (43%)

Magenta (76%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 913E8B 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 913E8B by changing the saturation by 10% instead.



913E8B

913E8B

FFFFFF

762471

C972C1

5C0259

E68DDD

420041

FFA8F9

2D002B

FFC4FF

000014

FFE0FF

000000

FFFEFF

913E8B

913E8B

912F8A

914D8C

912189

915B8D

911388

916A8E

910487

91788F

910087

918790

919591

91A492

91B293

91C194

# Harmonies

## Analogous

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



5A53AA



913E8B



A93061

# Triad

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



913E8B



735C00



007288

# Complementary

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



913E8B



3E9144

# 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.



00725D



913E8B



486800

# Square

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



913E8B



944B0E



006F30



006EA9

# Rectangle

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



913E8B



AA3244



006F30



00727A



# Sweetspot

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



913E8B



BD9DBA



443E91



5E4B5D



DEDEDE



5E5E5E



# Same Dimension

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



913E8B



BD3AB3



913E62



474047



87007D



080007



# Inverse Universe

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



913E8B



BD3AB3



3E916D



474047



87007D



080007



# Previews

## White Background



This preview shows how the Hex color 913E8B looks on a white background.

## Color Contrast Check

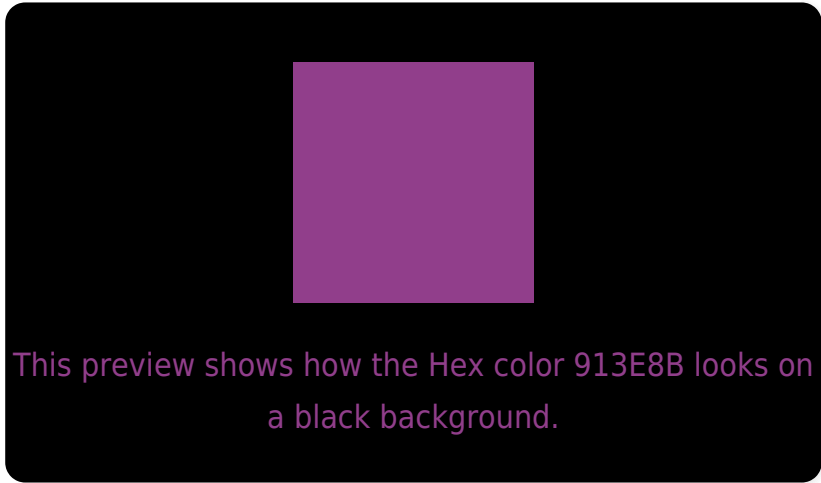
Large Text (above 18pt) WCAG AA ✓ Pass

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

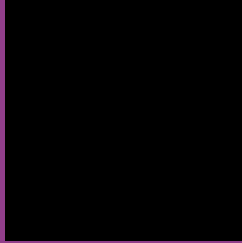
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 913E8B Background



This preview shows how black text looks on a background with the Hex color 913E8B.

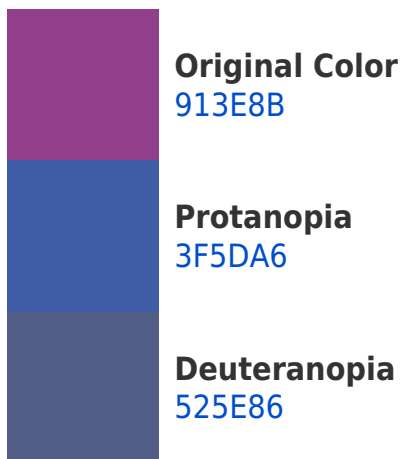



This preview shows how white text looks on a background with the Hex color 913E8B.

# 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](#).

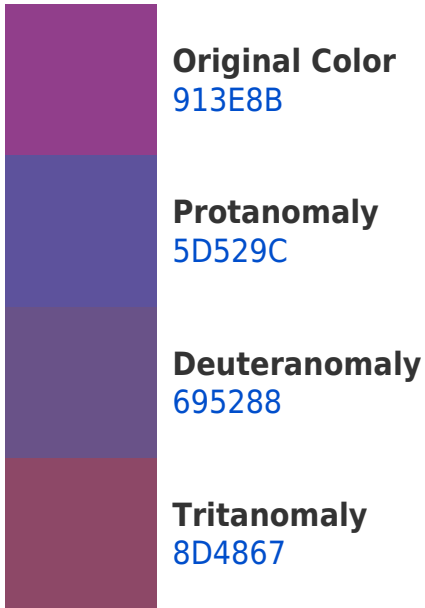
## Dichromacy



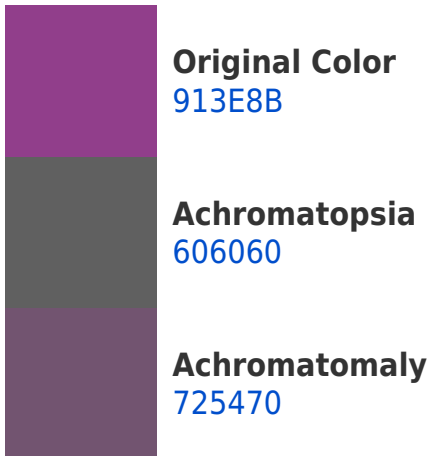


**Tritanopia**  
8B4D52

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 913E8B 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 #913E8B looks like.

```
.text, #text, p{  
    color:#913E8B  
}
```

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 #913E8B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #913E8B
}
```

## Border

The CSS property to change the border of an element to Hex 913E8B 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
#913E8B }
```

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

```
.border{ border-color:#913E8B }
```

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

Here you see how a box with a 4 pixel #913E8B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #913E8B; -webkit-box-shadow:4px 4px  
4px 4px #913E8B; box-shadow:4px 4px 4px  
4px #913E8B }
```

# Background

The CSS property to change the background color of an element to Hex 913E8B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#913E8B }
```

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

```
.background{ background-color:#913E8B }
```

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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