

# Converting Colors

Hex(903E96)

Have a look what the booklet for  
Hex(903E96) contains.

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# Color

**Hex(903E96)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	903E96
RGB	144, 62, 150
RGB Percent	56%, 24%, 59%
CMY	0.4353, 0.7569, 0.4118
CMYK	0.04, 0.59, 0.00, 0.41
HSL	296°, 42%, 42%
HSV	296°, 59%, 59%
XYZ	18.7292, 11.5765, 30.1015
YIQ	96.5500, 20.6240, 44.7520

# Conversions

## Conversions Part 2

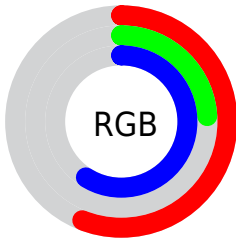
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	144, 62, 150
Decimal	9453206
CIE <sub>Lab</sub>	40.54, 47.27, -32.81
CIE <sub>LCh</sub>	41, 57.546, 325.234
Yxy	11.5765, 0.3100, 0.1916
Android (android.graphics.Color)	4287643286 (0xFF903E96)
YUV	96.5500, 26.3509, 41.6137
Hunter-Lab	34.0243, 38.7157, -28.6372

# Details

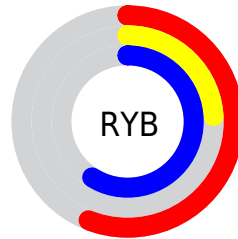
The Hex color **903E96** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **44963E**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **C872CD**, and **5B0163** is the 20% darker color. If you saturate the color by 10%, you get **8F2F96**, and if you desaturate by 10%, it is **914D96**.

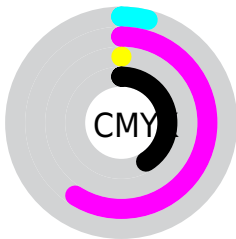
# Distribution



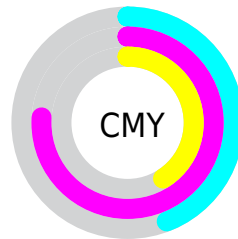
- Red (56%)
- Green (24%)
- Blue (59%)



- Red (56%)
- Yellow (24%)
- Blue (59%)



- Cyan (4%)
- Magenta (59%)
- Yellow (0%)
- Black (41%)



- Cyan (44%)
- Magenta (76%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 903E96 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 903E96 by changing the saturation by 10% instead.



903E96

903E96

FFFFFF

75237C

C872CD

5B0163

E58DE9

41004A

FFA8FF

2B0034

FFC4FF

00001D

FFE1FF

000000

FFFEFF

903E96

903E96

8F2F96

914D96

8E2096

925C96

8D1196

936B96

8C0296

947A96

8C0096

958996

969896

97A796

98B696

99C596

# Harmonies

## Analogous

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



4B56B6



903E96



AE2969

# Triad

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



903E96



7A5B00



007487

# Complementary

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



903E96



44963E

# 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.



007456



903E96



4D6900

# Square

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



903E96



9C470C



007025



0071AD

# Rectangle

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



903E96



B22A4A



007025



007477



# Sweetspot

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



903E96



BF9FC2



3E4596



5F4C61



E0E0E0



616161



# Same Dimension

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



903E96



B93AC2



963E71



49434A



80008A



0A000A



# Inverse Universe

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



963E44



C23A43



3E9663



4A4343



8A0009



0A0001



# Previews

## White Background



This preview shows how the Hex color 903E96 looks on a white background.

## Color Contrast Check

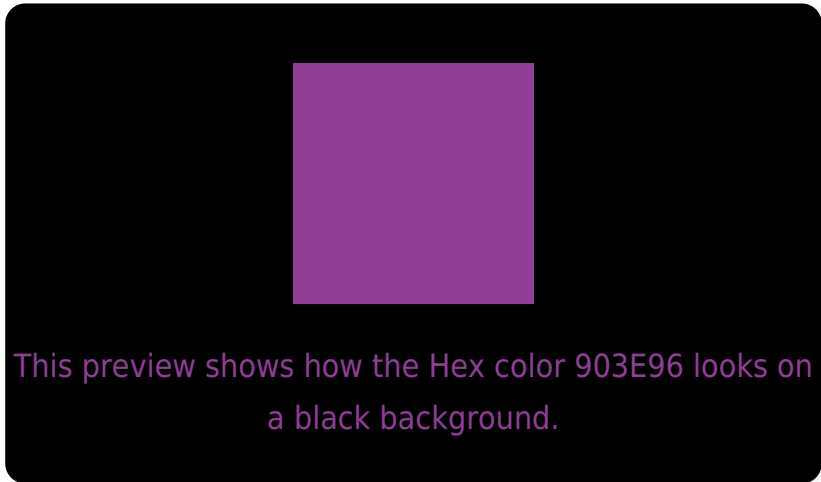
Large Text (above 18pt) WCAG AA ✓ Pass

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

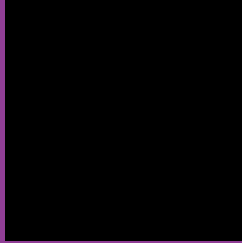
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 903E96 Background



This preview shows how black text looks on a background with the Hex color 903E96.

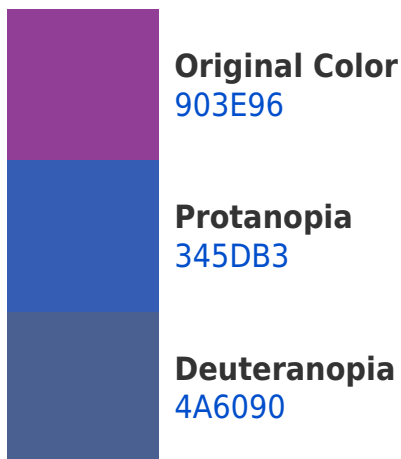



This preview shows how white text looks on a background with the Hex color 903E96.

# 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](#).

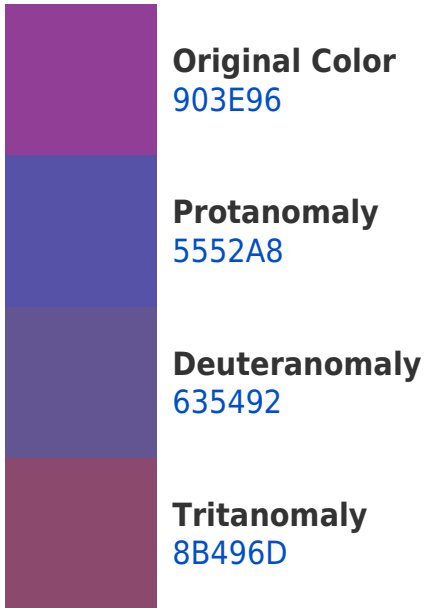
## Dichromacy



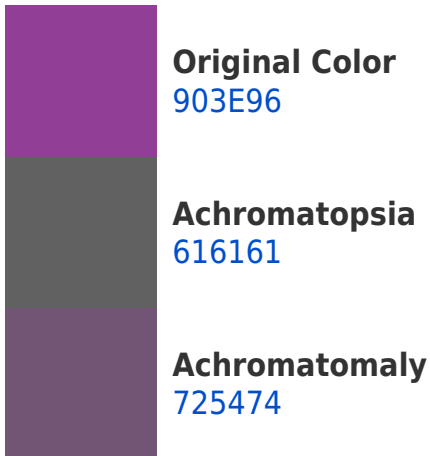


**Tritanopia**  
885056

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 903E96 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 #903E96 looks like.

```
.text, #text, p{  
    color:#903E96  
}
```

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 #903E96 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #903E96
}
```

## Border

The CSS property to change the border of an element to Hex 903E96 is called "border". The border property can be set on classes, ids or directly on the HTML element.

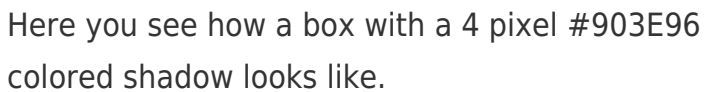
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#903E96 }
```

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

```
.border{ border-color:#903E96 }
```

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



Here you see how a box with a 4 pixel #903E96 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #903E96; -webkit-box-shadow:4px 4px  
4px 4px #903E96; box-shadow:4px 4px 4px  
4px #903E96 }
```

# Background

The CSS property to change the background color of an element to Hex 903E96 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#903E96 }
```

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

```
.background{ background-color:#903E96 }
```

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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