

# Converting Colors

Hex(903A6D)

Have a look what the booklet for  
Hex(903A6D) contains.

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# Color

**Hex(903A6D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	903A6D
RGB	144, 58, 109
RGB Percent	56%, 23%, 43%
CMY	0.4353, 0.7725, 0.5725
CMYK	0.00, 0.60, 0.24, 0.44
HSL	324°, 43%, 40%
HSV	324°, 60%, 56%
XYZ	15.7750, 10.0595, 15.5782
YIQ	89.5280, 34.8850, 34.0930

# Conversions

## Conversions Part 2

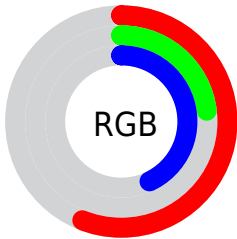
<b>Format</b>	<b>Color</b>
<b>RYB</b>	144, 58, 109
Decimal	9452141
CIELab	37.95, 42.24, -11.59
CIELCh	38, 43.799, 344.657
Yxy	10.0595, 0.3809, 0.2429
Android (android.graphics.Color)	4287642221 (0xFF903A6D)
YUV	89.5280, 9.5997, 47.7719
Hunter-Lab	31.7168, 33.2762, -6.9196

# Details

The Hex color **903A6D** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **3A905D**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **C86EA1**, and **5A003D** is the 20% darker color. If you saturate the color by 10%, you get **902C67**, and if you desaturate by 10%, it is **904873**.

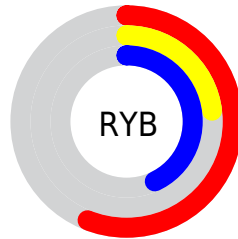
# Distribution



Red (56%)

Green (23%)

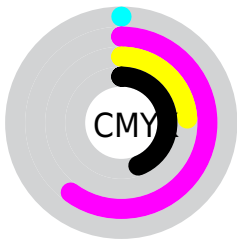
Blue (43%)



Red (56%)

Yellow (23%)

Blue (43%)

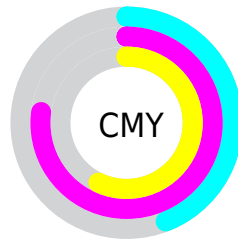


Cyan (0%)

Magenta (60%)

Yellow (24%)

Black (44%)



Cyan (44%)

Magenta (77%)

Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 903A6D 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 903A6D by changing the saturation by 10% instead.



903A6D

903A6D

FFFFFF

752055

C86EA1

5A003D

E588BC

410028

FFA3D7

2A0013

FFBFF4

000000

FFDBFF

FFF8FF

903A6D

903A6D

902C67

904873

901D61

905779

900F5B

90657F

900056

907484

900055

90828A

909090

909F96

90AD9C

90BCA2

# Harmonies

## Analogous

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



71488C



903A6D



993749

# Triad

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



903A6D



5B5D09



00688A

# Complementary

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



903A6D



3A905D

# 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.



006A6A



903A6D



326523

# Square

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



903A6D



7A510E



006945



00629E

# Rectangle

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



903A6D



953E33



006945



006981



# Sweetspot

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



903A6D



BA99AD



5C3A90



5E4A56



DEDEDE



5E5E5E



# Same Dimension

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



903A6D



BA3484



903A43



474044



870050



080005



# Inverse Universe

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



903A6D



BA3484



3A9087



474044



870050



080005



# Previews

## White Background



This preview shows how the Hex color 903A6D looks on a white background.

## Color Contrast Check

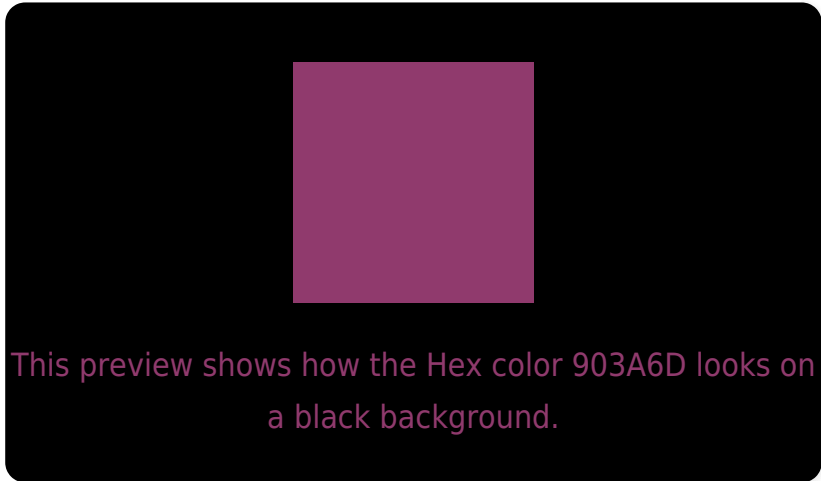
Large Text (above 18pt) WCAG AA ✓ Pass

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

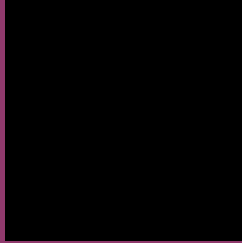
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 903A6D Background



This preview shows how black text looks on a background with the Hex color 903A6D.



This preview shows how white text looks on a background with the Hex color 903A6D.

# 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](#).

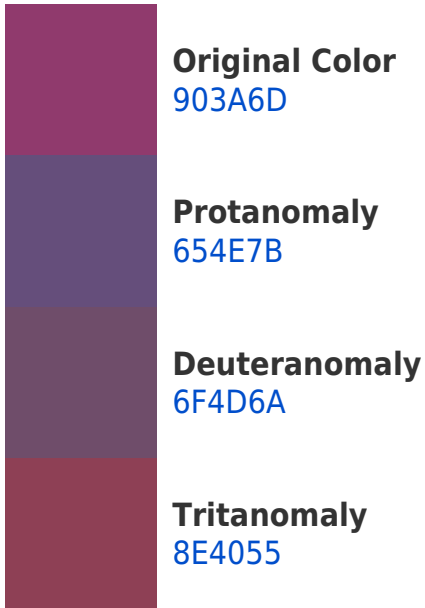
## Dichromacy



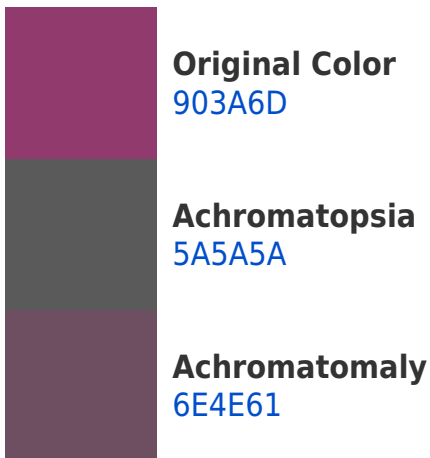


**Tritanopia**  
8D4347

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 903A6D 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 #903A6D looks like.

```
.text, #text, p{  
    color:#903A6D  
}
```

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 #903A6D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #903A6D
}
```

## Border

The CSS property to change the border of an element to Hex 903A6D is called "border". The border property can be set on classes, ids or directly on the HTML element.

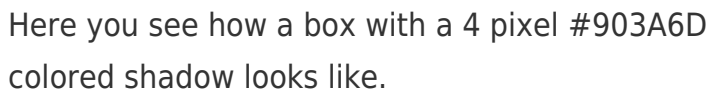
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#903A6D }
```

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

```
.border{ border-color:#903A6D }
```

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



Here you see how a box with a 4 pixel #903A6D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #903A6D; -webkit-box-shadow:4px 4px  
4px 4px #903A6D; box-shadow:4px 4px 4px  
4px #903A6D }
```

# Background

The CSS property to change the background color of an element to Hex 903A6D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#903A6D }
```

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

```
.background{ background-color:#903A6D }
```

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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