

# Converting Colors

Hex(903C61)

Have a look what the booklet for  
Hex(903C61) contains.

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**Color**

**Hex(903C61)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | 903C61                    |
| RGB           | 144, 60, 97               |
| RGB Percent   | 56%, 24%, 38%             |
| CMY           | 0.4353, 0.7647, 0.6196    |
| CMYK          | 0.00, 0.58, 0.33, 0.44    |
| HSL           | 334°, 41%, 40%            |
| HSV           | 334°, 58%, 56%            |
| XYZ           | 15.2751, 10.0241, 12.4390 |
| YIQ           | 89.3340, 38.1870, 29.3150 |

# Conversions

## Conversions Part 2

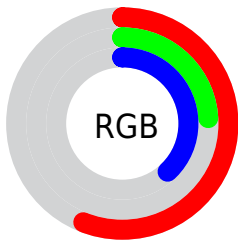
| <b>Format</b>                       | <b>Color</b>                 |
|-------------------------------------|------------------------------|
| <b>R<sub>YB</sub></b>               | 144, 60, 97                  |
| Decimal                             | 9452641                      |
| CIE <sub>Lab</sub>                  | 37.89, 39.58, -4.14          |
| CIE <sub>LCh</sub>                  | 38, 39.794, 354.030          |
| Yxy                                 | 10.0241, 0.4048,<br>0.2656   |
| Android<br>(android.graphics.Color) | 4287642721<br>(0xFF903C61)   |
| YUV                                 | 89.3340, 3.7793,<br>47.9421  |
| Hunter-Lab                          | 31.6608, 30.7129,<br>-1.1315 |

# Details

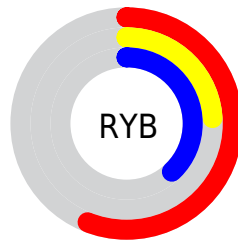
The Hex color **903C61** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **3C906B**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **C86F94**, and **5A0333** is the 20% darker color. If you saturate the color by 10%, you get **902E59**, and if you desaturate by 10%, it is **904A69**.

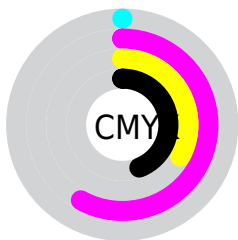
# Distribution



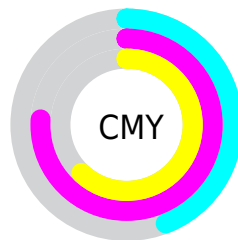
- Red (56%)
- Green (24%)
- Blue (38%)



- Red (56%)
- Yellow (24%)
- Blue (38%)



- Cyan (0%)
- Magenta (58%)
- Yellow (33%)
- Black (44%)



- Cyan (44%)
- Magenta (76%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 903C61 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 903C61 by changing the saturation by 10% instead.



 903C61

 903C61

FFFFFF

 752249

 C86F94

 5A0333

 E58AAE

 40001E

 FFA5C9

 2B0003

 FFC0E6

 000000

 FFDDFF

 FFFAFF

 903C61

 903C61

 902E59

 904A69

901F51

905971

901149

906779

900241

907681

90003F

908489

909291

90A199

90AFA1

90BEAA

# Harmonies

## Analogous

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



7A467F



903C61



933E41

# Triad

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



903C61



515F19



00668D

# Complementary

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



903C61



3C906B

# 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.



006972



903C61



276532

# Square

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



903C61



705514



006851



005F99

# Rectangle

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



903C61



8D452E



006851



006785



# Sweetspot

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



903C61



BA99A7



6A3C90



5E4A53



DEDEDE



5E5E5E



# Same Dimension

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



903C61



BA3871



90403C



474043



87003C



080003



# Inverse Universe

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



903C61



BA3871



3C8C90



474043



87003C

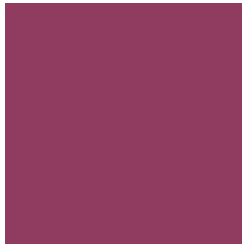


080003



# Previews

## White Background



This preview shows how the Hex color 903C61 looks on a white background.

## Color Contrast Check

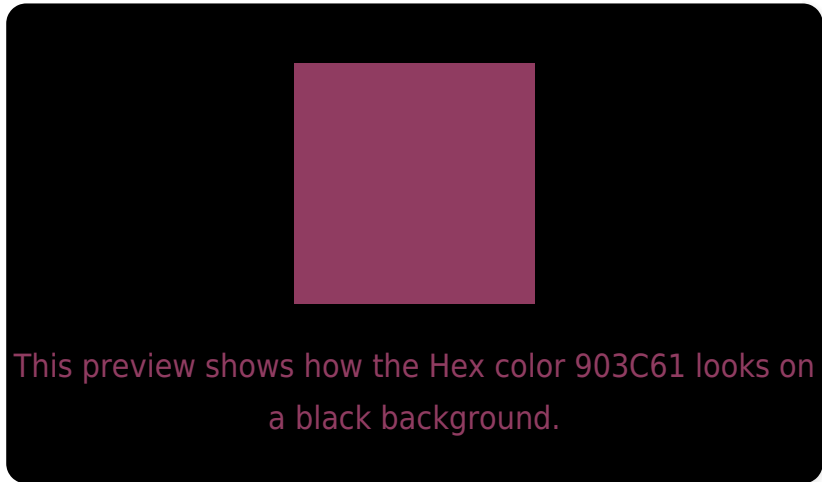
Large Text (above 18pt) WCAG AA ✓ Pass

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

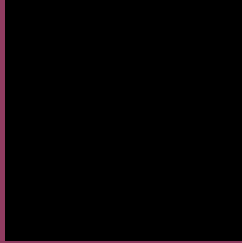
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 903C61 Background



This preview shows how black text looks on a background with the Hex color 903C61.



This preview shows how white text looks on a background with the Hex color 903C61.

# 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



**Original Color**  
903C61

**Protanopia**  
535974

**Deuteranopia**  
61575D



**Tritanopia**  
8E4246

# Trichromacy



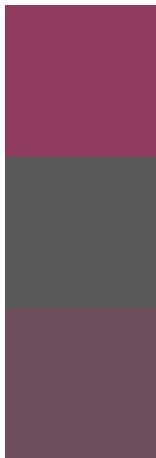
**Original Color**  
903C61

**Protanomaly**  
694E6D

**Deuteranomaly**  
724D5E

**Tritanomaly**  
8F4050

# Monochromacy



**Original Color**  
903C61

**Achromatopsia**  
595959

**Achromatomaly**  
6D4E5C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 903C61 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 #903C61 looks like.

```
.text, #text, p{  
    color:#903C61  
}
```

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 #903C61 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #903C61
}
```

## Border

The CSS property to change the border of an element to Hex 903C61 is called "border". The border property can be set on classes, ids or directly on the HTML element.

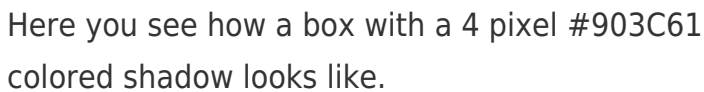
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#903C61 }
```

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

```
.border{ border-color:#903C61 }
```

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



Here you see how a box with a 4 pixel #903C61 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #903C61; -webkit-box-shadow:4px 4px  
4px 4px #903C61; box-shadow:4px 4px 4px  
4px #903C61 }
```

# Background

The CSS property to change the background color of an element to Hex 903C61 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#903C61 }
```

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

```
.background{ background-color:#903C61 }
```

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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