

# Converting Colors

Hex(903A2B)

Have a look what the booklet for  
Hex(903A2B) contains.

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# Color

**Hex(903A2B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	903A2B
RGB	144, 58, 43
RGB Percent	56%, 23%, 17%
CMY	0.4353, 0.7725, 0.8314
CMYK	0.00, 0.60, 0.70, 0.44
HSL	9°, 54%, 37%
HSV	9°, 70%, 56%
XYZ	13.4507, 9.1298, 3.3388
YIQ	82.0040, 56.0710, 13.5670

# Conversions

## Conversions Part 2

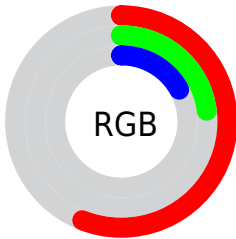
Format	Color
<b>RYB</b>	144, 61, 43
Decimal	9452075
CIELab	36.23, 35.42, 27.46
CIELCh	36, 44.813, 37.785
Yxy	9.1298, 0.5189, 0.3522
Android (android.graphics.Color)	4287642155 (0xFF903A2B)
YUV	82.0040, -19.2290, 54.3705
Hunter-Lab	30.2156, 26.5833, 14.5994

# Details

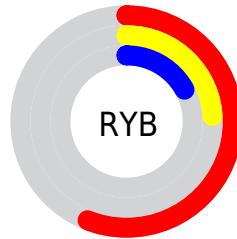
The Hex color **903A2B** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **2B8190**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **CB6C59**, and **580400** is the 20% darker color. If you saturate the color by 10%, you get **902E1D**, and if you desaturate by 10%, it is **904639**.

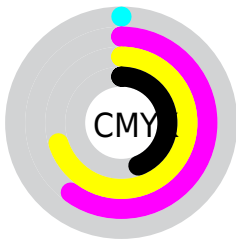
# Distribution



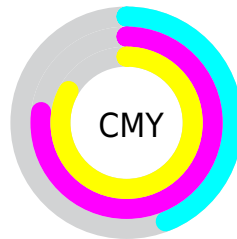
- Red (56%)
- Green (23%)
- Blue (17%)



- Red (56%)
- Yellow (24%)
- Blue (17%)



- Cyan (0%)
- Magenta (60%)
- Yellow (70%)
- Black (44%)



- Cyan (44%)
- Magenta (77%)
- Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 903A2B 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 903A2B by changing the saturation by 10% instead.



 903A2B

 903A2B

FFFFFF

 732116

 CB6C59

 580400

 E98672

 3C0000

 FFA18B

 210001

 FFBD A6

 000000

 FFD9C1

 FFF6DD

 FFFFFA

 903A2B

 903A2B

■ 902E1D

■ 904639

■ 90210E

■ 905348

■ 901500

■ 905F56

■ 906B65

■ 907773

■ 908481

■ 909090

■ 909C9E

■ 90A8AD

# Harmonies

## Analogous

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



95314D



903A2B



7C490D

# Triad

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



903A2B



006438



00569D

# Complementary

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



903A2B



2B8190

# 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.



006098



903A2B



00665E

# Square

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



903A2B



385F16



006581



62478E

# Rectangle

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



903A2B



695300



006581



005A9D



# Sweetspot

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



903A2B



BA9993



902B83



5E4A47



DEDEDE



5E5E5E



# Same Dimension

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



903A2B



BA351E



906B2B



474140



871400



080100



# Inverse Universe

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



2B8190



1EA3BA



2B5090



404647



007387



000708



# Previews

## White Background



This preview shows how the Hex color 903A2B looks on a white background.

## Color Contrast Check

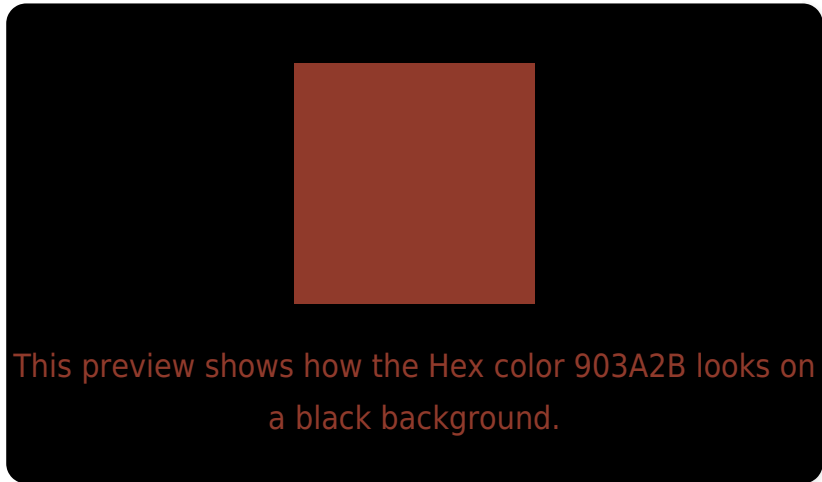
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 903A2B Background



This preview shows how black text looks on a background with the Hex color 903A2B.

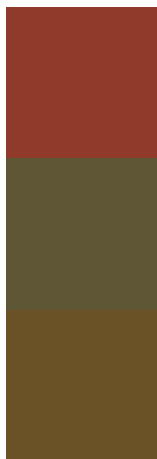


This preview shows how white text looks on a background with the Hex color 903A2B.

# 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**  
903A2B

**Protanopia**  
5E5635

**Deuteranopia**  
6B5226



**Tritanopia**  
91383B

# Trichromacy



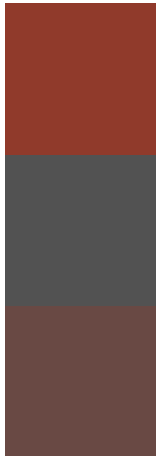
**Original Color**  
903A2B

**Protanomaly**  
704C31

**Deuteranomaly**  
784928

**Tritanomaly**  
913935

# Monochromacy



**Original Color**  
903A2B

**Achromatopsia**  
525252

**Achromatomaly**  
694944

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 903A2B 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 #903A2B looks like.

```
.text, #text, p{  
    color:#903A2B  
}
```

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 #903A2B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #903A2B
}
```

## Border

The CSS property to change the border of an element to Hex 903A2B 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
#903A2B }
```

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

```
.border{ border-color:#903A2B }
```

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

Here you see how a box with a 4 pixel #903A2B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #903A2B; -webkit-box-shadow:4px 4px  
4px 4px #903A2B; box-shadow:4px 4px 4px  
4px #903A2B }
```

# Background

The CSS property to change the background color of an element to Hex 903A2B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#903A2B }
```

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

```
.background{ background-color:#903A2B }
```

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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