

# Converting Colors

Hex(904F3F)

Have a look what the booklet for  
Hex(904F3F) contains.

<b>Hex(904F3F)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(904F3F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	904F3F
RGB	144, 79, 63
RGB Percent	56%, 31%, 25%
CMY	0.4353, 0.6902, 0.7529
CMYK	0.00, 0.45, 0.56, 0.44
HSL	12°, 39%, 41%
HSV	12°, 56%, 56%
XYZ	15.1948, 11.8801, 6.1949
YIQ	96.6110, 43.8760, 8.8040

# Conversions

## Conversions Part 2

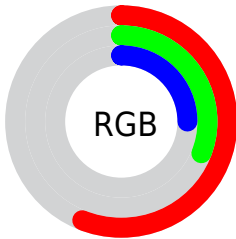
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	144, 83, 63
Decimal	9457471
CIE <sub>Lab</sub>	41.02, 25.57, 21.40
CIE <sub>LCh</sub>	41, 33.340, 39.923
Yxy	11.8801, 0.4567, 0.3571
Android (android.graphics.Color)	4287647551 (0xFF904F3F)
YUV	96.6110, -16.5702, 41.5602
Hunter-Lab	34.4676, 18.3722, 13.4711

# Details

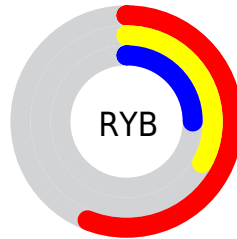
The Hex color **904F3F** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **3F8090**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **C9816F**, and **5A2014** is the 20% darker color. If you saturate the color by 10%, you get **904331**, and if you desaturate by 10%, it is **905B4D**.

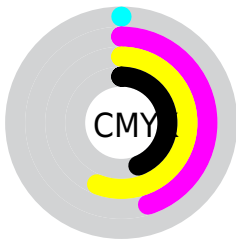
# Distribution



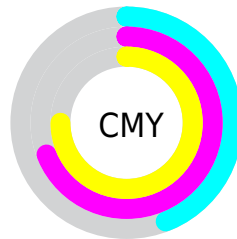
- Red (56%)
- Green (31%)
- Blue (25%)



- Red (56%)
- Yellow (33%)
- Blue (25%)



- Cyan (0%)
- Magenta (45%)
- Yellow (56%)
- Black (44%)



- Cyan (44%)
- Magenta (69%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 904F3F 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 904F3F by changing the saturation by 10% instead.



 904F3F

 904F3F

FFFFFF

 743729

 C9816F

 5A2014

 E69C88

 400900

 FFB7A3

 290001

 FFD2BE

 000000

 FFEFDA

 FFFFF6

 904F3F

 904F3F

 904331

 905B4D

■ 903822

■ 90665C

■ 902C14

■ 90726A

■ 902105

■ 907D79

■ 901C00

■ 908987

■ 909495

■ 90A0A4

■ 90ABB2

■ 90B7C1

# Harmonies

## Analogous

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



944A59



904F3F



80592D

# Triad

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



904F3F



226D4D



436196

# Complementary

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



904F3F



3F8090

# 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.



006994



904F3F



006F69

# Square

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



904F3F



4B6935



006D83



6F568B

# Rectangle

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



904F3F



715F28



006D83



2F6497



# Sweetspot

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



904F3F



BAA19B



903F81



5E4F4B



DEDEDE



5E5E5E



# Same Dimension

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



904F3F



BA553C



90763F



474240



871B00



080200



# Inverse Universe

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



3F8090



3CA1BA



3F5990



404647



006C87



000608



# Previews

## White Background



This preview shows how the Hex color 904F3F looks on a white background.

## Color Contrast Check

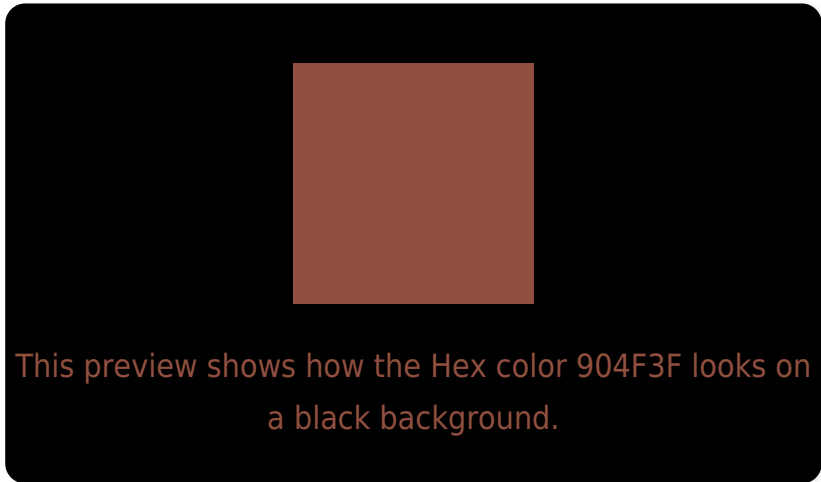
Large Text (above 18pt) WCAG AA ✓ Pass

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

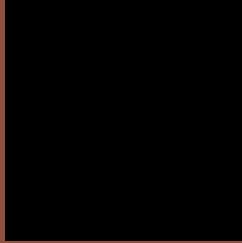
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 904F3F Background



This preview shows how black text looks on a background with the Hex color 904F3F.



This preview shows how white text looks on a background with the Hex color 904F3F.

# 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**  
904F3F

**Protanopia**  
696146

**Deuteranopia**  
765D3C



**Tritanopia**  
914C52

# Trichromacy



**Original Color**  
904F3F

**Protanomaly**  
775A43

**Deuteranomaly**  
7F583D

**Tritanomaly**  
914D4B

# Monochromacy



**Original Color**  
904F3F

**Achromatopsia**  
616161

**Achromatomaly**  
725A55

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 904F3F 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 #904F3F looks like.

```
.text, #text, p{  
    color:#904F3F  
}
```

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 #904F3F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #904F3F
}
```

## Border

The CSS property to change the border of an element to Hex 904F3F is called "border". The border property can be set on classes, ids or directly on the HTML element.

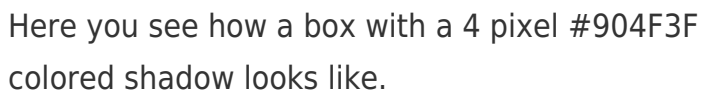
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#904F3F }
```

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

```
.border{ border-color:#904F3F }
```

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



Here you see how a box with a 4 pixel #904F3F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #904F3F; -webkit-box-shadow:4px 4px  
4px 4px #904F3F; box-shadow:4px 4px 4px  
4px #904F3F }
```

# Background

The CSS property to change the background color of an element to Hex 904F3F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#904F3F }
```

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

```
.background{ background-color:#904F3F }
```

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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