

# Converting Colors

Hex(904D3C)

Have a look what the booklet for  
Hex(904D3C) contains.

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**Color**

**Hex(904D3C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	904D3C
RGB	144, 77, 60
RGB Percent	56%, 30%, 24%
CMY	0.4353, 0.6980, 0.7647
CMYK	0.00, 0.47, 0.58, 0.44
HSL	12°, 41%, 40%
HSV	12°, 58%, 56%
XYZ	14.9711, 11.5633, 5.7178
YIQ	95.0950, 45.3890, 8.9170

# Conversions

## Conversions Part 2

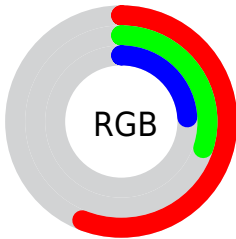
<b>Format</b>	<b>Color</b>
<b>RYB</b>	144, 81, 60
Decimal	9456956
CIELab	40.51, 26.44, 22.54
CIELCh	41, 34.741, 40.455
Yxy	11.5633, 0.4642, 0.3585
Android (android.graphics.Color)	4287647036 (0xFF904D3C)
YUV	95.0950, -17.3018, 42.8897
Hunter-Lab	34.0048, 19.0786, 13.8339

# Details

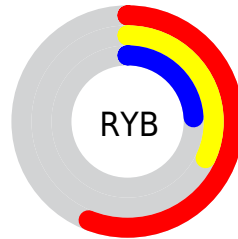
The Hex color **904D3C** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **3C7F90**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **C97F6C**, and **591E11** is the 20% darker color. If you saturate the color by 10%, you get **90422E**, and if you desaturate by 10%, it is **90584A**.

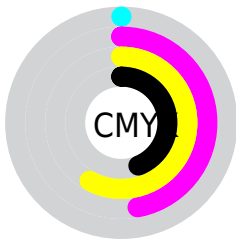
# Distribution



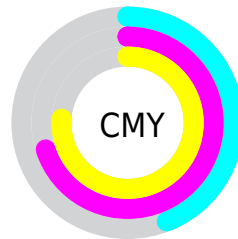
- Red (56%)
- Green (30%)
- Blue (24%)



- Red (56%)
- Yellow (32%)
- Blue (24%)



- Cyan (0%)
- Magenta (47%)
- Yellow (58%)
- Black (44%)



- Cyan (44%)
- Magenta (70%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 904D3C 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 904D3C by changing the saturation by 10% instead.



 904D3C

 904D3C

FFFFFF

 743526

 C97F6C

 591E11

 E69985

 3F0600

 FFB49F

 290001

 FFD0BA

 000000

 FFEDD6

 FFFFF2

 904D3C

 904D3C

 90422E

 90584A

■ 90361F

■ 906459

■ 902B11

■ 906F67

■ 901F02

■ 907B76

■ 901D00

■ 908684

■ 909292

■ 909DA1

■ 90A9AF

■ 90B4BE

# Harmonies

## Analogous

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



954757



904D3C



7F5729

# Triad

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



904D3C



1A6C4B



415F97

# Complementary

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



904D3C



3C7F90

# 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.



006895



904D3C



006E69

# Square

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



904D3C



486832



006C84



6F548B

# Rectangle

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



904D3C



6F5E24



006C84



2A6298



# Sweetspot

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



904D3C



BA9F99



903C7F



5E4E4A



DEDEDE



5E5E5E



# Same Dimension

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



904D3C



BA5238



90773C



474240



871B00



080200



# Inverse Universe

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



3C7F90



38A0BA



3C5590



404647



006C87



000608



# Previews

## White Background



This preview shows how the Hex color 904D3C looks on a white background.

## Color Contrast Check

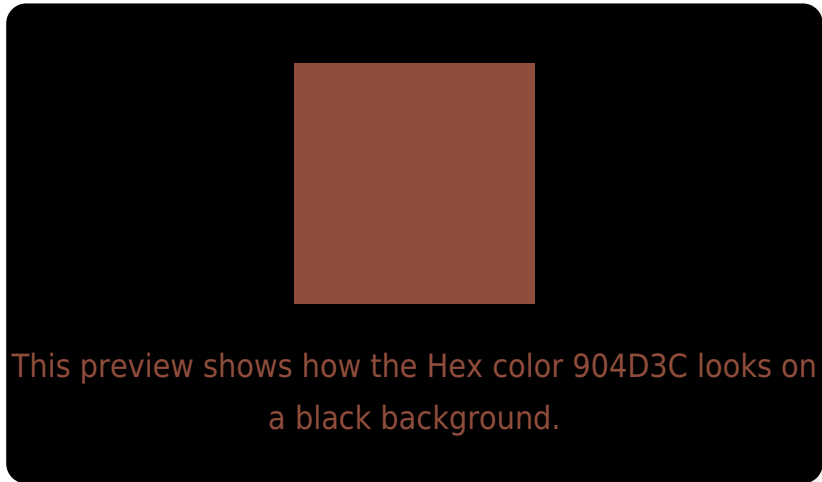
Large Text (above 18pt) WCAG AA ✓ Pass

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

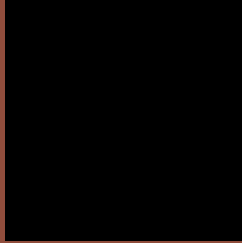
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 904D3C Background



This preview shows how black text looks on a background with the Hex color 904D3C.



This preview shows how white text looks on a background with the Hex color 904D3C.

# 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**  
904D3C

**Protanopia**  
686044

**Deuteranopia**  
755C39



**Tritanopia**  
914A50

# Trichromacy



**Original Color**  
904D3C

**Protanomaly**  
775941

**Deuteranomaly**  
7F573A

**Tritanomaly**  
914B49

# Monochromacy



**Original Color**  
904D3C

**Achromatopsia**  
5F5F5F

**Achromatomaly**  
715852

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 904D3C 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 #904D3C looks like.

```
.text, #text, p{  
    color:#904D3C  
}
```

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 #904D3C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #904D3C
}
```

## Border

The CSS property to change the border of an element to Hex 904D3C 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".

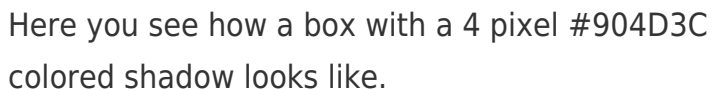
```
.border, #border, table{ border:4px solid
#904D3C }
```

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

```
.border{ border-color:#904D3C }
```

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

Here you see how a box with a 4 pixel #904D3C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #904D3C; -webkit-box-shadow:4px 4px  
4px 4px #904D3C; box-shadow:4px 4px 4px  
4px #904D3C }
```

# Background

The CSS property to change the background color of an element to Hex 904D3C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#904D3C }
```

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

```
.background{ background-color:#904D3C }
```

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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