

# Converting Colors

Hex(944A3F)

Have a look what the booklet for  
Hex(944A3F) contains.

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**Color**

**Hex(944A3F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	944A3F
RGB	148, 74, 63
RGB Percent	58%, 29%, 25%
CMY	0.4196, 0.7098, 0.7529
CMYK	0.00, 0.50, 0.57, 0.42
HSL	8°, 40%, 41%
HSV	8°, 57%, 58%
XYZ	15.5587, 11.5523, 6.1124
YIQ	94.8720, 47.6350, 12.2670

# Conversions

## Conversions Part 2

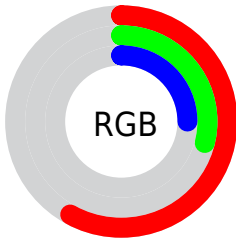
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	148, 76, 63
Decimal	9718335
CIE Lab	40.50, 30.00, 20.83
CIE LCh	40, 36.520, 34.769
Yxy	11.5523, 0.4683, 0.3477
Android (android.graphics.Color)	4287908415 (0xFF944A3F)
YUV	94.8720, -15.7129, 46.5933
Hunter-Lab	33.9887, 22.2301, 13.1296

# Details

The Hex color **944A3F** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **3F8994**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **CD7C6F**, and **5D1A14** is the 20% darker color. If you saturate the color by 10%, you get **943D30**, and if you desaturate by 10%, it is **94574E**.

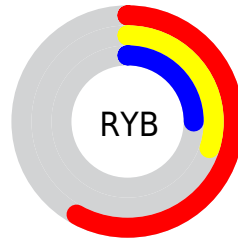
# Distribution



Red (58%)

Green (29%)

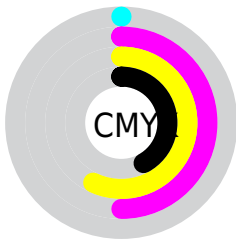
Blue (25%)



Red (58%)

Yellow (30%)

Blue (25%)

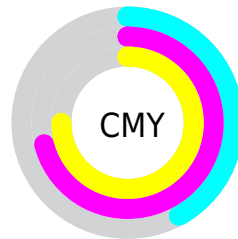


Cyan (0%)

Magenta (50%)

Yellow (57%)

Black (42%)



Cyan (42%)

Magenta (71%)

Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 944A3F 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 944A3F by changing the saturation by 10% instead.



 944A3F

 944A3F

FFFFFF

 783229

 CD7C6F

 5D1A14

 EB9788

 430100

 FFB2A2

 2B0001

 FFCEBE

 000000

 FFEAD9

 FFFFF6

 944A3F

 944A3F

 943D30

 94574E

 943021

 94645D

 942313

 94716B

 941604

 947E7A

 941300

 948A89

 949798

 94A4A7

 94B1B5

 94BEC4

# Harmonies

## Analogous

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



96455C



944A3F



855529

# Triad

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



944A3F



216C45



30619B

# Complementary

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



944A3F



3F8994

# 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.



006995



944A3F



006E63

# Square

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



944A3F



4D682C



006D81



685691

# Rectangle

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



944A3F



755C21



006D81



05649B



# Sweetspot

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



944A3F



BFA39F



943F8A



61504E



E0E0E0



616161



# Same Dimension

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



944A3F



BF4C3B



94733F



4A4443



8A1200



0A0100



# Inverse Universe

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



3F8994



3BAEBF



3F6094



43494A



00788A



00090A



# Previews

## White Background



This preview shows how the Hex color 944A3F looks on a white background.

## Color Contrast Check

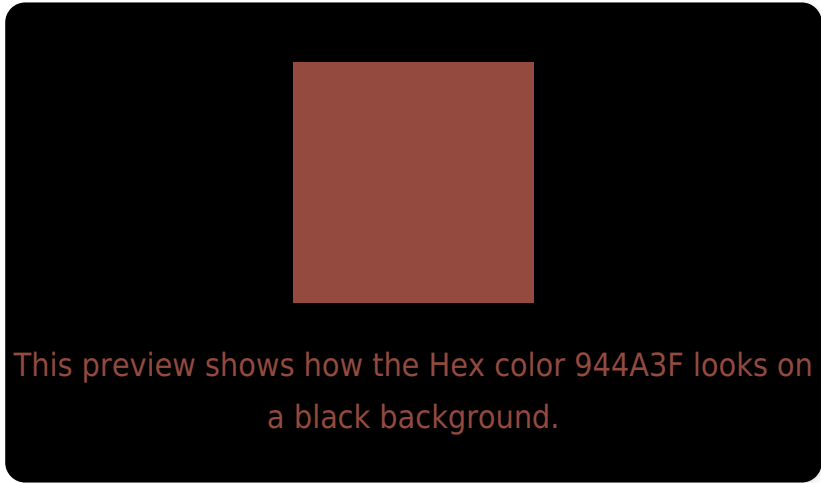
Large Text (above 18pt) WCAG AA ✓ Pass

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 944A3F Background



This preview shows how black text looks on a background with the Hex color 944A3F.

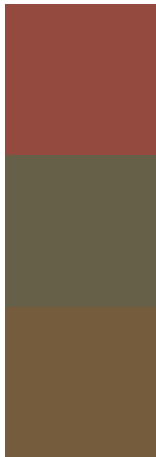


This preview shows how white text looks on a background with the Hex color 944A3F.

# 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**  
944A3F

**Protanopia**  
676048

**Deuteranopia**  
745C3C



**Tritanopia**  
95484D

# Trichromacy



**Original Color**  
944A3F

**Protanomaly**  
775845

**Deuteranomaly**  
80553D

**Tritanomaly**  
954948

# Monochromacy



**Original Color**  
944A3F

**Achromatopsia**  
5F5F5F

**Achromatomaly**  
725753

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 944A3F 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 #944A3F looks like.

```
.text, #text, p{  
    color:#944A3F  
}
```

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 #944A3F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #944A3F
}
```

## Border

The CSS property to change the border of an element to Hex 944A3F is called "border". The border property can be set on classes, ids or directly on the HTML element.

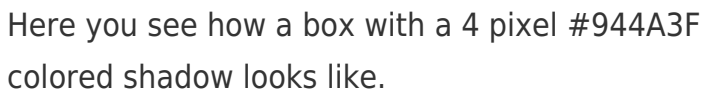
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#944A3F }
```

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

```
.border{ border-color:#944A3F }
```

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



Here you see how a box with a 4 pixel #944A3F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #944A3F; -webkit-box-shadow:4px 4px  
4px 4px #944A3F; box-shadow:4px 4px 4px  
4px #944A3F }
```

# Background

The CSS property to change the background color of an element to Hex 944A3F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#944A3F }
```

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

```
.background{ background-color:#944A3F }
```

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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