

# Converting Colors

Hex(944B3B)

Have a look what the booklet for  
Hex(944B3B) contains.

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**Color**

**Hex(944B3B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	944B3B
RGB	148, 75, 59
RGB Percent	58%, 29%, 23%
CMY	0.4196, 0.7059, 0.7686
CMYK	0.00, 0.49, 0.60, 0.42
HSL	11°, 43%, 41%
HSV	11°, 60%, 58%
XYZ	15.5182, 11.6438, 5.5673
YIQ	95.0030, 48.6440, 10.5000

# Conversions

## Conversions Part 2

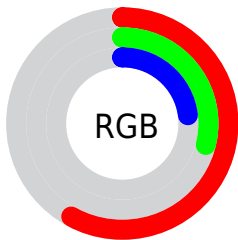
Format	Color
<b>R<sub>YB</sub></b>	148, 79, 59
Decimal	9718587
CIE Lab	40.64, 29.12, 23.43
CIE LCh	41, 37.377, 38.820
Yxy	11.6438, 0.4741, 0.3558
Android (android.graphics.Color)	4287908667 (0xFF944B3B)
YUV	95.0030, -17.7495, 46.4784
Hunter-Lab	34.1230, 21.4616, 14.2128

# Details

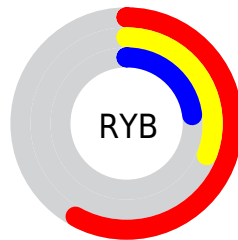
The Hex color **944B3B** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **3B8494**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **CE7D6B**, and **5D1B10** is the 20% darker color. If you saturate the color by 10%, you get **943F2C**, and if you desaturate by 10%, it is **94574A**.

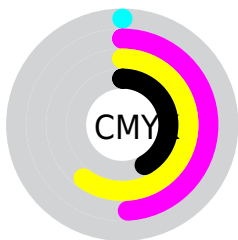
# Distribution



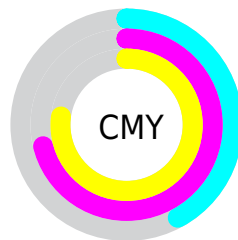
- Red (58%)
- Green (29%)
- Blue (23%)



- Red (58%)
- Yellow (31%)
- Blue (23%)



- Cyan (0%)
- Magenta (49%)
- Yellow (60%)
- Black (42%)



- Cyan (42%)
- Magenta (71%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 944B3B 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 944B3B by changing the saturation by 10% instead.





944B3B



944B3B

FFFFFF



783325



CE7D6B



5D1B10



EB9884



420200



FFB39E



2B0001



FFCEB9



000000



FFEBD5



FFFFF1



944B3B



944B3B



943F2C



94574A

■ 94331D

■ 946359

■ 94270F

■ 946F67

■ 941B00

■ 947C76

■ 948885

■ 949494

■ 94A0A3

■ 94ACB1

■ 94B8C0

# Harmonies

## Analogous

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



984558



944B3B



835626

# Triad

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



944B3B



136D49



38609C

# Complementary

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



944B3B



3B8494

# 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.



006998



944B3B



006F68

# Square

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



944B3B



48692E



006E85



6E5490

# Rectangle

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



944B3B



725E1F



006E85



18649D



# Sweetspot

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



944B3B



BFA39D



943B85



614F4C



E0E0E0



616161



# Same Dimension

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



944B3B



BF4E36



94763B



4A4443



8A1900



0A0200



# Inverse Universe

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



3B8494



36A6BF



3B5994



43494A



00718A



00080A



# Previews

## White Background



This preview shows how the Hex color 944B3B looks on a white background.

## Color Contrast Check

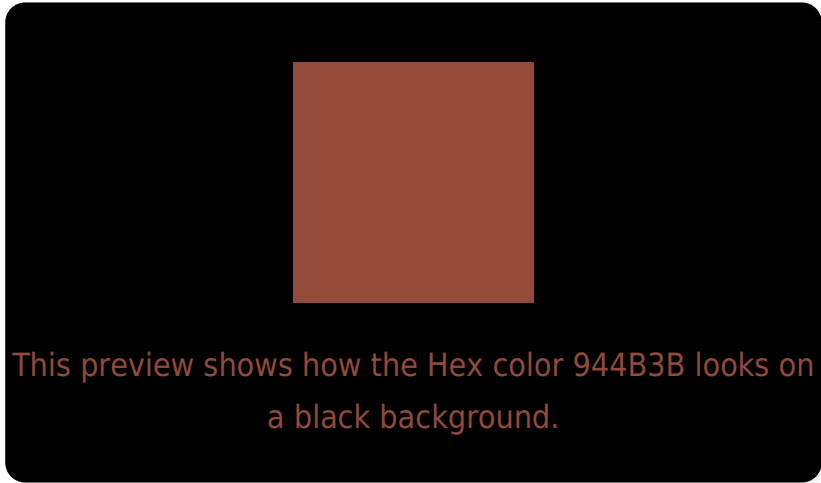
Large Text (above 18pt) WCAG AA ✓ Pass

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

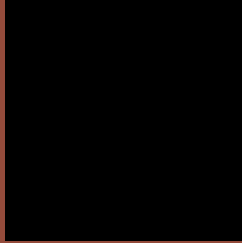
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 944B3B Background



This preview shows how black text looks on a background with the Hex color 944B3B.

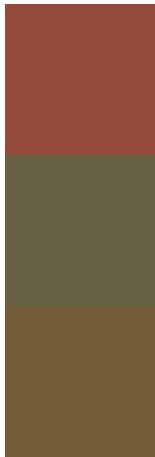


This preview shows how white text looks on a background with the Hex color 944B3B.

# 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**  
944B3B

**Protanopia**  
686043

**Deuteranopia**  
755C38



**Tritanopia**  
95484E

# Trichromacy



**Original Color**  
944B3B

**Protanomaly**  
785840

**Deuteranomaly**  
805639

**Tritanomaly**  
954947

# Monochromacy



**Original Color**  
944B3B

**Achromatopsia**  
5F5F5F

**Achromatomaly**  
725852

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 944B3B 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 #944B3B looks like.

```
.text, #text, p{  
    color:#944B3B  
}
```

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 #944B3B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #944B3B
}
```

## Border

The CSS property to change the border of an element to Hex 944B3B is called "border". The border property can be set on classes, ids or directly on the HTML element.

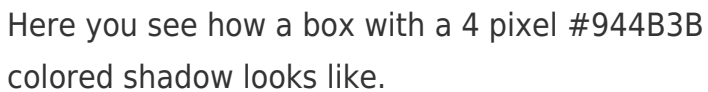
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#944B3B }
```

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

```
.border{ border-color:#944B3B }
```

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



Here you see how a box with a 4 pixel #944B3B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #944B3B; -webkit-box-shadow:4px 4px  
4px 4px #944B3B; box-shadow:4px 4px 4px  
4px #944B3B }
```

# Background

The CSS property to change the background color of an element to Hex 944B3B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#944B3B }
```

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

```
.background{ background-color:#944B3B }
```

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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