

# Converting Colors

Hex(944831)

Have a look what the booklet for  
Hex(944831) contains.

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**Color**

**Hex(944831)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	944831
RGB	148, 72, 49
RGB Percent	58%, 28%, 19%
CMY	0.4196, 0.7176, 0.8078
CMYK	0.00, 0.51, 0.67, 0.42
HSL	14°, 50%, 39%
HSV	14°, 67%, 58%
XYZ	15.0845, 11.1524, 4.2633
YIQ	92.1020, 52.6790, 8.9590

# Conversions

## Conversions Part 2

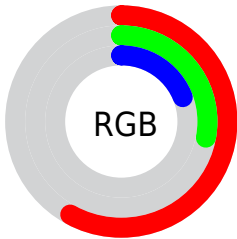
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	148, 79, 49
Decimal	9717809
CIE Lab	39.84, 30.04, 28.35
CIE LCh	40, 41.305, 43.351
Yxy	11.1524, 0.4946, 0.3656
Android (android.graphics.Color)	4287907889 (0xFF944831)
YUV	92.1020, -21.2493, 49.0225
Hunter-Lab	33.3952, 22.1863, 15.8075

# Details

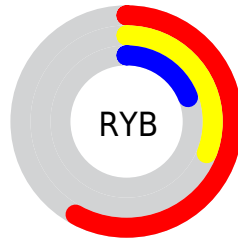
The Hex color **944831** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **317D94**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **CE7A60**, and **5C1803** is the 20% darker color. If you saturate the color by 10%, you get **943D22**, and if you desaturate by 10%, it is **945340**.

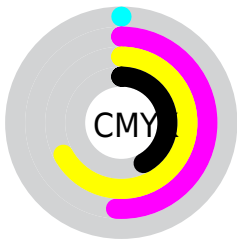
# Distribution



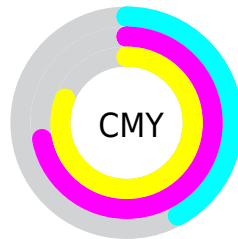
- Red (58%)
- Green (28%)
- Blue (19%)



- Red (58%)
- Yellow (31%)
- Blue (19%)



- Cyan (0%)
- Magenta (51%)
- Yellow (67%)
- Black (42%)



- Cyan (42%)
- Magenta (72%)
- Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 944831 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 944831 by changing the saturation by 10% instead.



 944831

 944831

FFFFFF

 78301B

 CE7A60

 5C1803

 EC9479

 410000

 FFAF93

 2A0001

 FFCBAD

 000000

 FFE8C9

 FFFFEE

 944831

 944831

 943D22

 945340

■ 943113

■ 945F4F

■ 942605

■ 946A5D

■ 942200

■ 94756C

■ 94817B

■ 948C8A

■ 949899

■ 94A3A7

■ 94AEB6

# Harmonies

## Analogous

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



9C3F50



944831



7F551A

# Triad

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



944831



006D49



3A5CA0

# Complementary

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



944831



317D94

# 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.



00679E



944831



006E6C

# Square

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



944831



3C692A



006C8B



734E8F

# Rectangle

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



944831



6C5D14



006C8B



1260A1



# Sweetspot

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



944831



BFA299



94317F



614F4A



E0E0E0



616161



# Same Dimension

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



944831



BF4A26



947831



4A4443



8A2000



0A0200



# Inverse Universe

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



317D94



269CBF



314D94



43484A



006A8A



00080A



# Previews

## White Background



This preview shows how the Hex color 944831 looks on a white background.

## Color Contrast Check

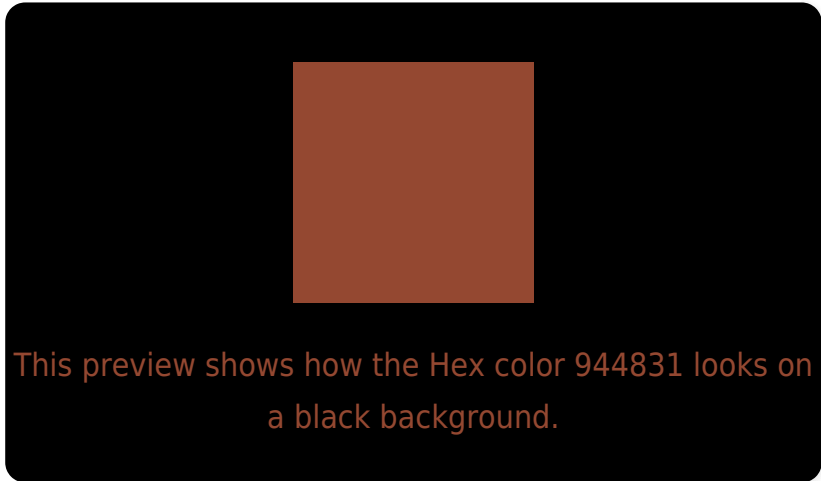
Large Text (above 18pt) WCAG AA ✓ Pass

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

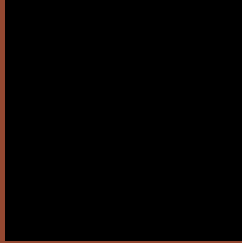
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 944831 Background



This preview shows how black text looks on a background with the Hex color 944831.



This preview shows how white text looks on a background with the Hex color 944831.

# 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**  
944831

**Protanopia**  
675F39

**Deuteranopia**  
755A2D



**Tritanopia**  
95454A

# Trichromacy



**Original Color**  
944831

**Protanomaly**  
775736

**Deuteranomaly**  
80532E

**Tritanomaly**  
954641

# Monochromacy



**Original Color**  
944831

**Achromatopsia**  
5C5C5C

**Achromatomaly**  
70554C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 944831 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 #944831 looks like.

```
.text, #text, p{  
    color:#944831  
}
```

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 #944831 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #944831
}
```

## Border

The CSS property to change the border of an element to Hex 944831 is called "border". The border property can be set on classes, ids or directly on the HTML element.

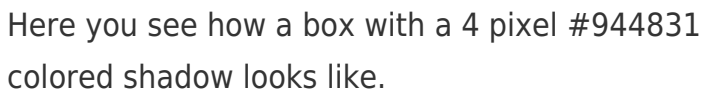
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#944831 }
```

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

```
.border{ border-color:#944831 }
```

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



Here you see how a box with a 4 pixel #944831 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #944831; -webkit-box-shadow:4px 4px  
4px 4px #944831; box-shadow:4px 4px 4px  
4px #944831 }
```

# Background

The CSS property to change the background color of an element to Hex 944831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#944831 }
```

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

```
.background{ background-color:#944831 }
```

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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