

# Converting Colors

Hex(9A4832)

Have a look what the booklet for  
Hex(9A4832) contains.

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**Color**

**Hex(9A4832)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9A4832
RGB	154, 72, 50
RGB Percent	60%, 28%, 20%
CMY	0.3961, 0.7176, 0.8039
CMYK	0.00, 0.53, 0.68, 0.40
HSL	13°, 51%, 40%
HSV	13°, 68%, 60%
XYZ	16.2195, 11.7350, 4.4278
YIQ	94.0100, 55.9340, 10.5420

# Conversions

## Conversions Part 2

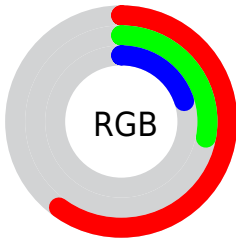
<b>Format</b>	<b>Color</b>
<b>RYB</b>	154, 78, 50
Decimal	10111026
CIELab	40.79, 32.54, 29.14
CIELCh	41, 43.682, 41.844
Yxy	11.7350, 0.5009, 0.3624
Android (android.graphics.Color)	4288301106 (0xFF9A4832)
YUV	94.0100, -21.6969, 52.6112
Hunter-Lab	34.2564, 24.5662, 16.3159

# Details

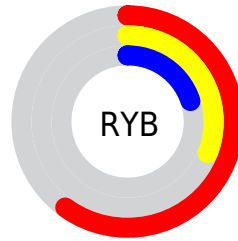
The Hex color **9A4832** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **32849A**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **D57B61**, and **611705** is the 20% darker color. If you saturate the color by 10%, you get **9A3C23**, and if you desaturate by 10%, it is **9A5441**.

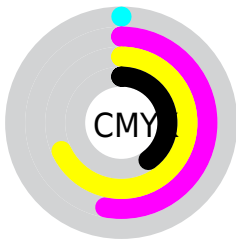
# Distribution



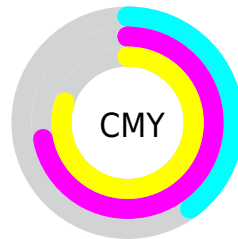
- Red (60%)
- Green (28%)
- Blue (20%)



- Red (60%)
- Yellow (31%)
- Blue (20%)



- Cyan (0%)
- Magenta (53%)
- Yellow (68%)
- Black (40%)



- Cyan (40%)
- Magenta (72%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9A4832 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 9A4832 by changing the saturation by 10% instead.



 9A4832

 9A4832

FFFFFF

 7D301C

 D57B61

 611705

 F3957A

 460000

 FFB094

 2E0001

 FFCCAF

 000000

 FFE8CA

 FFFFEE

 9A4832

 9A4832

 9A3C23

 9A5441

 9A3013

 9A6051

 9A2404

 9A6C60

 9A2100

 9A7970

 9A857F

 9A918E

 9A9D9E

 9AA9AD

 9AB5BD

# Harmonies

## Analogous

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



A13F53



9A4832



845618

# Triad

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



9A4832



007049



335FA6

# Complementary

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



9A4832



32849A

# 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.



006AA4



9A4832



00716E

# Square

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



9A4832



3E6B27



00708F



745096

# Rectangle

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



9A4832



715F10



00708F



0064A8



# Sweetspot

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



9A4832



C9AAA1



9A3285



66534E



E6E6E6



666666



# Same Dimension

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



9A4832



C94926



9A7B32



4D4645



8C1E00



0D0300



# Inverse Universe

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



32849A



26A7C9



32519A



454B4D



006F8C



000A0D



# Previews

## White Background



This preview shows how the Hex color 9A4832 looks on a white background.

## Color Contrast Check

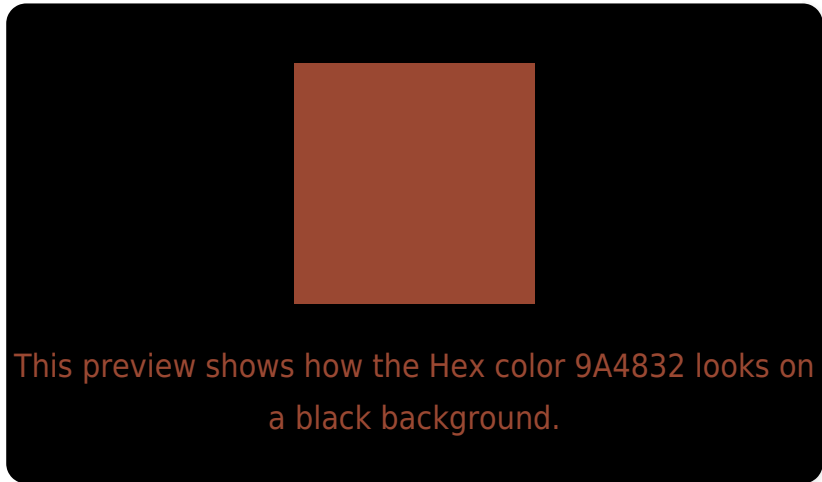
Large Text (above 18pt) WCAG AA ✓ Pass

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 9A4832 Background



This preview shows how black text looks on a background with the Hex color 9A4832.



This preview shows how white text looks on a background with the Hex color 9A4832.

# 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**  
9A4832

**Protanopia**  
6A613B

**Deuteranopia**  
785C2E



**Tritanopia**  
9B454A

# Trichromacy



**Original Color**  
9A4832

**Protanomaly**  
7B5838

**Deuteranomaly**  
84552F

**Tritanomaly**  
9B4641

# Monochromacy



**Original Color**  
9A4832

**Achromatopsia**  
5E5E5E

**Achromatomaly**  
74564E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9A4832 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 #9A4832 looks like.

```
.text, #text, p{  
    color:#9A4832  
}
```

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 #9A4832 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A4832
}
```

## Border

The CSS property to change the border of an element to Hex 9A4832 is called "border". The border property can be set on classes, ids or directly on the HTML element.

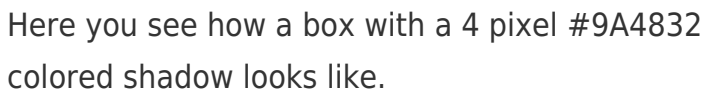
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9A4832 }
```

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

```
.border{ border-color:#9A4832 }
```

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



Here you see how a box with a 4 pixel #9A4832 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A4832; -webkit-box-shadow:4px 4px  
4px 4px #9A4832; box-shadow:4px 4px 4px  
4px #9A4832 }
```

# Background

The CSS property to change the background color of an element to Hex 9A4832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A4832 }
```

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

```
.background{ background-color:#9A4832 }
```

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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