

# Converting Colors

Hex(9A4732)

Have a look what the booklet for  
Hex(9A4732) contains.

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**Color**

**Hex(9A4732)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9A4732
RGB	154, 71, 50
RGB Percent	60%, 28%, 20%
CMY	0.3961, 0.7216, 0.8039
CMYK	0.00, 0.54, 0.68, 0.40
HSL	12°, 51%, 40%
HSV	12°, 68%, 60%
XYZ	16.1554, 11.6068, 4.4065
YIQ	93.4230, 56.2090, 11.0650

# Conversions

## Conversions Part 2

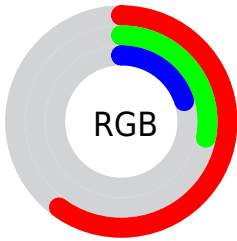
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	154, 76, 50
Decimal	10110770
CIE <sub>Lab</sub>	40.58, 33.07, 28.89
CIE <sub>LCh</sub>	41, 43.914, 41.143
Yxy	11.6068, 0.5022, 0.3608
Android (android.graphics.Color)	4288300850 (0xFF9A4732)
YUV	93.4230, -21.4075, 53.1260
Hunter-Lab	34.0687, 25.0244, 16.1795

# Details

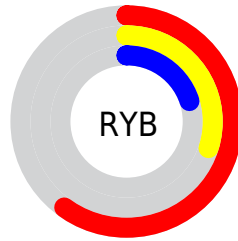
The Hex color **9A4732** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **32859A**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **D57A61**, and **611605** is the 20% darker color. If you saturate the color by 10%, you get **9A3B23**, and if you desaturate by 10%, it is **9A5341**.

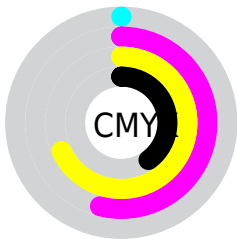
# Distribution



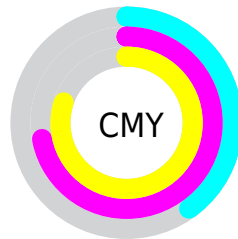
- Red (60%)
- Green (28%)
- Blue (20%)



- Red (60%)
- Yellow (30%)
- Blue (20%)



- Cyan (0%)
- Magenta (54%)
- Yellow (68%)
- Black (40%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 9A4732 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 9A4732 by changing the saturation by 10% instead.





9A4732



9A4732

FFFFFF



7D2F1C



D57A61



611605



F3947A



460000



FFAF94



2E0001



FFCBAF



000000



FFE7CA



FFFFE6



9A4732



9A4732



9A3B23



9A5341

■ 9A2E13

■ 9A6051

■ 9A2204

■ 9A6C60

■ 9A1F00

■ 9A7870

■ 9A847F

■ 9A918E

■ 9A9D9E

■ 9AA9AD

■ 9AB6BD

# Harmonies

## Analogous

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



A13E54



9A4732



855618

# Triad

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



9A4732



006F47



2F5FA6

# Complementary

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



9A4732



32859A

# 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



9A4732



00716C

# Square

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



9A4732



3E6B26



006F8E



735096

# Rectangle

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



9A4732



715E0F



006F8E



0063A8



# Sweetspot

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



9A4732



C9A9A1



9A3285



66524E



E6E6E6



666666



# Same Dimension

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



9A4732



C94726



9A7B32



4D4645



8C1C00



0D0300



# Inverse Universe

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



32859A



26A9C9



32519A



454B4D



00708C



000A0D



# Previews

## White Background



This preview shows how the Hex color 9A4732 looks on a white background.

## Color Contrast Check

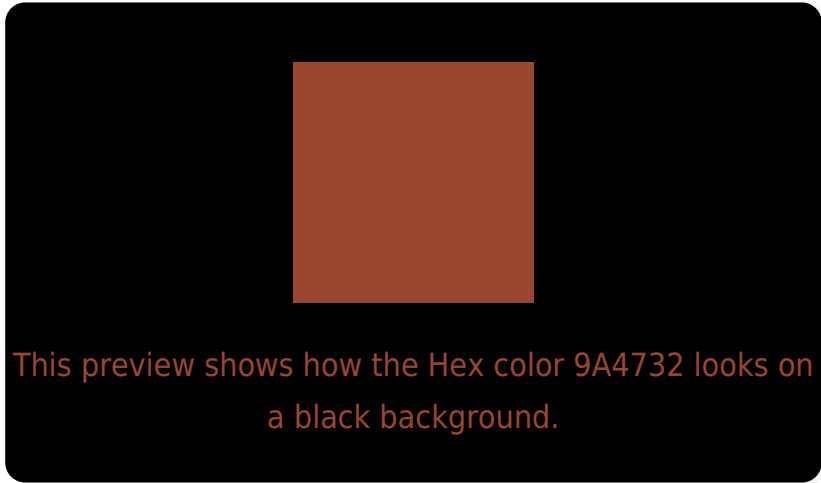
Large Text (above 18pt) WCAG AA ✓ Pass

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 9A4732 Background



This preview shows how black text looks on a background with the Hex color 9A4732.

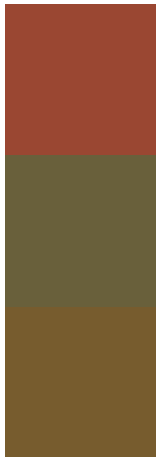


This preview shows how white text looks on a background with the Hex color 9A4732.

# 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**  
9A4732

**Protanopia**  
69603B

**Deuteranopia**  
775C2E



**Tritanopia**  
9B4449

# Trichromacy



**Original Color**  
9A4732

**Protanomaly**  
7B5738

**Deuteranomaly**  
84542F

**Tritanomaly**  
9B4541

# Monochromacy



**Original Color**  
9A4732

**Achromatopsia**  
5D5D5D

**Achromatomaly**  
73554D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9A4732 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 #9A4732 looks like.

```
.text, #text, p{  
    color:#9A4732  
}
```

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 #9A4732 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A4732
}
```

## Border

The CSS property to change the border of an element to Hex 9A4732 is called "border". The border property can be set on classes, ids or directly on the HTML element.

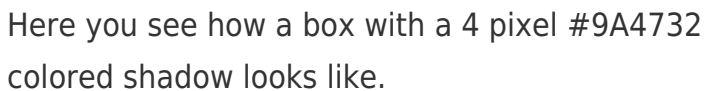
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9A4732 }
```

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

```
.border{ border-color:#9A4732 }
```

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



Here you see how a box with a 4 pixel #9A4732 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A4732; -webkit-box-shadow:4px 4px  
4px 4px #9A4732; box-shadow:4px 4px 4px  
4px #9A4732 }
```

# Background

The CSS property to change the background color of an element to Hex 9A4732 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A4732 }
```

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

```
.background{ background-color:#9A4732 }
```

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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