

# Converting Colors

Hex(9B4247)

Have a look what the booklet for  
Hex(9B4247) contains.

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**Color**

**Hex(9B4247)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9B4247
RGB	155, 66, 71
RGB Percent	61%, 26%, 28%
CMY	0.3922, 0.7412, 0.7216
CMYK	0.00, 0.57, 0.54, 0.39
HSL	357°, 40%, 43%
HSV	357°, 57%, 61%
XYZ	16.6031, 11.3199, 7.2711
YIQ	93.1810, 51.4390, 20.4230

# Conversions

## Conversions Part 2

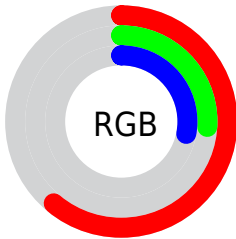
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	155, 66, 71
Decimal	10175047
CIE Lab	40.11, 37.63, 15.61
CIE LCh	40, 40.740, 22.525
Yxy	11.3199, 0.4718, 0.3216
Android (android.graphics.Color)	4288365127 (0xFF9B4247)
YUV	93.1810, -10.9352, 54.2153
Hunter-Lab	33.6451, 29.2069, 10.7383

# Details

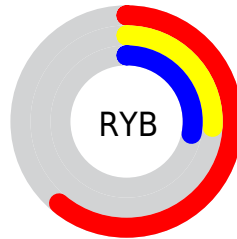
The Hex color **9B4247** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **429B96**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **D57577**, and **630D1C** is the 20% darker color. If you saturate the color by 10%, you get **9B3338**, and if you desaturate by 10%, it is **9B5256**.

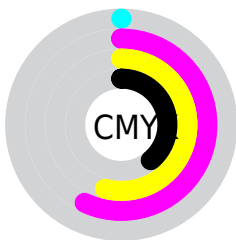
# Distribution



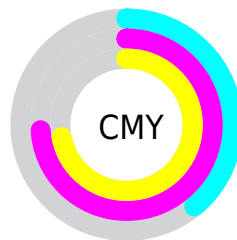
- Red (61%)
- Green (26%)
- Blue (28%)



- Red (61%)
- Yellow (26%)
- Blue (28%)



- Cyan (0%)
- Magenta (57%)
- Yellow (54%)
- Black (39%)



- Cyan (39%)
- Magenta (74%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9B4247 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 9B4247 by changing the saturation by 10% instead.



 9B4247

 9B4247

FFFFFF

 7F2931

 D57577

 630D1C

 F39091

 480002

 FFABAB

 300002

 FFC7C7

 000000

 FFE3E3

 9B4247

 9B4247

 9B3338

 9B5256

 9B232A

 9B6164

 9B141B

 9B7173

 9B040C

 9B8082

 9B0009

 9B9090

 9B9F9F

 9BAFAD

 9BBEBC

 9BCECB

# Harmonies

## Analogous

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



974168



9B4247



8F4D2A

# Triad

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



9B4247



2E6B34



0065A0

# Complementary

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



9B4247



429B96

# 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.



006C93



9B4247



006E55

# Square

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



9B4247



58641C



006F77



51599C

# Rectangle

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



9B4247



80561C



006F77



00689E



# Sweetspot

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



9B4247



C9A7A9



95429B



665253



E6E6E6



666666



# Same Dimension

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



9B4247



C93E46



9B6942



4D4545



8C0008



0D0001



# Inverse Universe

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



9B4247



C93E46



42749B



4D4545



8C0008

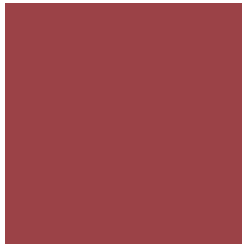


0D0001



# Previews

## White Background



This preview shows how the Hex color 9B4247 looks on a white background.

## Color Contrast Check

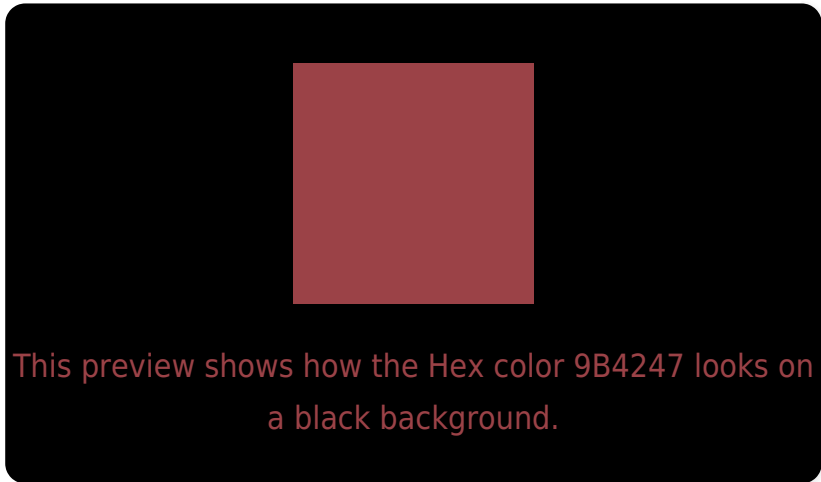
Large Text (above 18pt) WCAG AA ✓ Pass

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 9B4247 Background



This preview shows how black text looks on a background with the Hex color 9B4247.

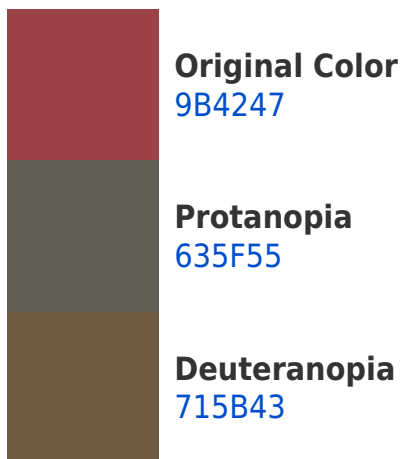


This preview shows how white text looks on a background with the Hex color 9B4247.

# 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





**Tritanopia**  
9B4246

# Trichromacy



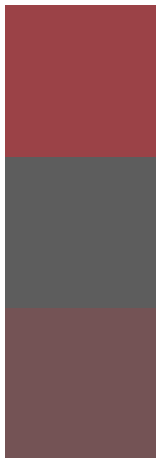
**Original Color**  
9B4247

**Protanomaly**  
775450

**Deuteranomaly**  
805244

**Tritanomaly**  
9B4246

# Monochromacy



**Original Color**  
9B4247

**Achromatopsia**  
5D5D5D

**Achromatomaly**  
745355

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9B4247 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 #9B4247 looks like.

```
.text, #text, p{  
    color:#9B4247  
}
```

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 #9B4247 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B4247
}
```

## Border

The CSS property to change the border of an element to Hex 9B4247 is called "border". The border property can be set on classes, ids or directly on the HTML element.

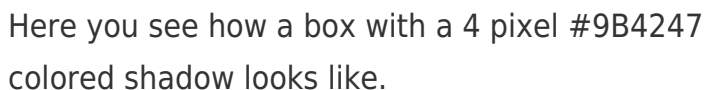
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9B4247 }
```

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

```
.border{ border-color:#9B4247 }
```

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



Here you see how a box with a 4 pixel #9B4247 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B4247; -webkit-box-shadow:4px 4px  
4px 4px #9B4247; box-shadow:4px 4px 4px  
4px #9B4247 }
```

# Background

The CSS property to change the background color of an element to Hex 9B4247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B4247 }
```

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

```
.background{ background-color:#9B4247 }
```

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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