

# Converting Colors

Hex(9A4645)

Have a look what the booklet for  
Hex(9A4645) contains.

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**Color**

**Hex(9A4645)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9A4645
RGB	154, 70, 69
RGB Percent	60%, 27%, 27%
CMY	0.3961, 0.7255, 0.7294
CMYK	0.00, 0.55, 0.55, 0.40
HSL	1°, 38%, 44%
HSV	1°, 55%, 60%
XYZ	16.5908, 11.6800, 7.0103
YIQ	95.0020, 50.3850, 17.4970

# Conversions

## Conversions Part 2

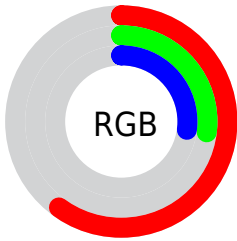
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	154, 70, 69
Decimal	10110533
CIE <sub>Lab</sub>	40.70, 35.02, 17.60
CIE <sub>LCh</sub>	41, 39.200, 26.685
Yxy	11.6800, 0.4702, 0.3311
Android (android.graphics.Color)	4288300613 (0xFF9A4645)
YUV	95.0020, -12.8190, 51.7412
Hunter-Lab	34.1760, 26.8448, 11.7615

# Details

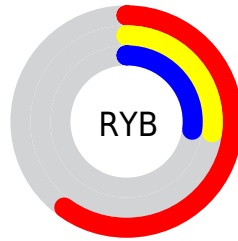
The Hex color **9A4645** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **45999A**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **D47975**, and **62141A** is the 20% darker color. If you saturate the color by 10%, you get **9A3736**, and if you desaturate by 10%, it is **9A5554**.

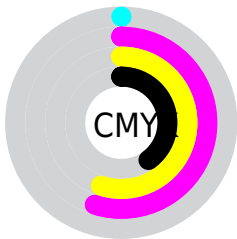
# Distribution



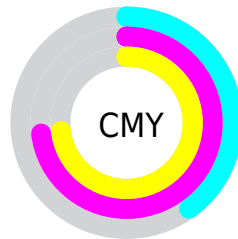
- Red (60%)
- Green (27%)
- Blue (27%)



- Red (60%)
- Yellow (27%)
- Blue (27%)



- Cyan (0%)
- Magenta (55%)
- Yellow (55%)
- Black (40%)



- Cyan (40%)
- Magenta (73%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9A4645 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 9A4645 by changing the saturation by 10% instead.



 9A4645

 9A4645

FFFFFF

 7E2D2F

 D47975

 62141A

 F2938F

 480000

 FFAEA9

 300001

 FFCAC4

 000000

 FFE7E0

FFFFFFD

 9A4645

 9A4645

 9A3736

 9A5554

 9A2826

 9A6464

 9A1817

 9A7473

 9A0907

 9A8383

 9A0200

 9A9292

 9AA1A1

 9AB1B1

 9AC0C0

 9ACFD0

# Harmonies

## Analogous

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



984365



9A4645



8D512B

# Triad

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



9A4645



2B6D3B



0065A0

# Complementary

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



9A4645



45999A

# 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.



006C95



9A4645



006F5B

# Square

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



9A4645



556723



006F7C



5B5999

# Rectangle

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



9A4645



7E591F



006F7C



00689E



# Sweetspot

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



9A4645



C9A8A7



9A459A



665252



E6E6E6



666666



# Same Dimension

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



9A4645



C94644



9A6F45



4D4545



8C0200



0D0000



# Inverse Universe

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



45999A



44C8C9



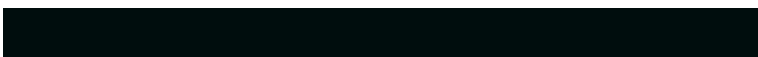
456F9A



454C4D



008B8C

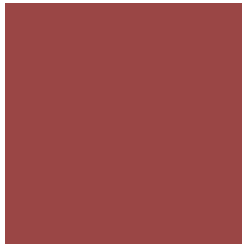


000D0D



# Previews

## White Background



This preview shows how the Hex color 9A4645 looks on a white background.

## Color Contrast Check

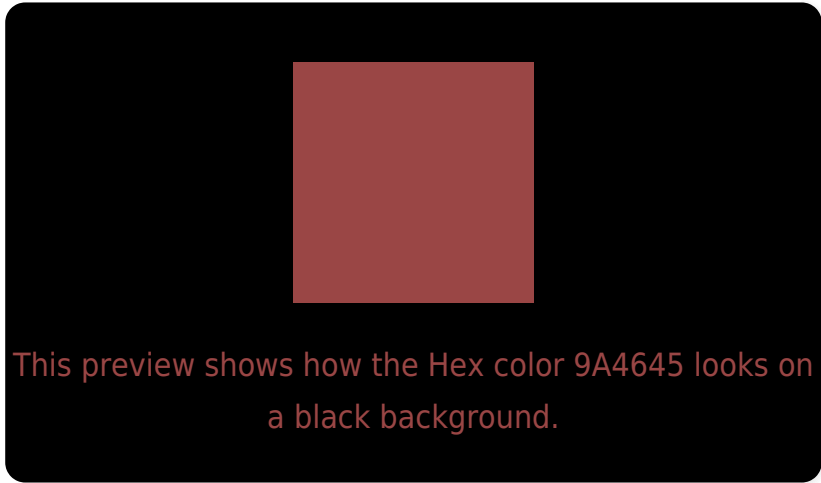
Large Text (above 18pt) WCAG AA ✓ Pass

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 9A4645 Background



This preview shows how black text looks on a background with the Hex color 9A4645.

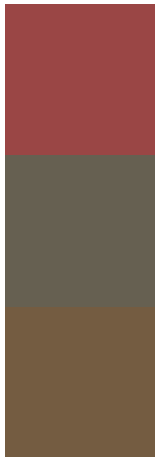


This preview shows how white text looks on a background with the Hex color 9A4645.

# 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**  
9A4645

**Protanopia**  
666051

**Deuteranopia**  
745C41



**Tritanopia**  
9A454A

# Trichromacy



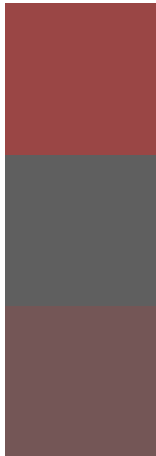
**Original Color**  
9A4645

**Protanomaly**  
79574D

**Deuteranomaly**  
825442

**Tritanomaly**  
9A4548

# Monochromacy



**Original Color**  
9A4645

**Achromatopsia**  
5F5F5F

**Achromatomaly**  
745656

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9A4645 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 #9A4645 looks like.

```
.text, #text, p{  
    color:#9A4645  
}
```

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 #9A4645 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A4645
}
```

## Border

The CSS property to change the border of an element to Hex 9A4645 is called "border". The border property can be set on classes, ids or directly on the HTML element.

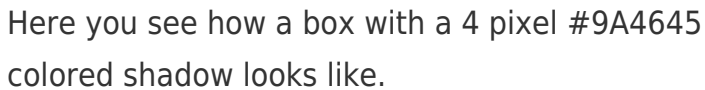
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9A4645 }
```

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

```
.border{ border-color:#9A4645 }
```

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



Here you see how a box with a 4 pixel #9A4645 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A4645; -webkit-box-shadow:4px 4px  
4px 4px #9A4645; box-shadow:4px 4px 4px  
4px #9A4645 }
```

# Background

The CSS property to change the background color of an element to Hex 9A4645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A4645 }
```

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

```
.background{ background-color:#9A4645 }
```

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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