

# Converting Colors

Hex(9A653F)

Have a look what the booklet for  
Hex(9A653F) contains.

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**Color**

**Hex(9A653F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9A653F
RGB	154, 101, 63
RGB Percent	60%, 40%, 25%
CMY	0.3961, 0.6039, 0.7529
CMYK	0.00, 0.34, 0.59, 0.40
HSL	25°, 42%, 43%
HSV	25°, 59%, 60%
XYZ	18.8773, 16.5363, 6.8995
YIQ	112.5150, 43.7860, -0.5820

# Conversions

## Conversions Part 2

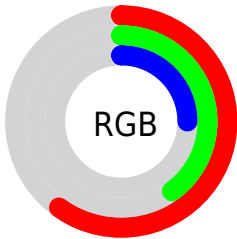
<b>Format</b>	<b>Color</b>
<b>RYB</b>	154, 128, 63
Decimal	10118463
CIELab	47.67, 17.28, 30.04
CIELCh	48, 34.658, 60.090
Yxy	16.5363, 0.4461, 0.3908
Android (android.graphics.Color)	4288308543 (0xFF9A653F)
YUV	112.5150, -24.4109, 36.3823
Hunter-Lab	40.6648, 11.6994, 18.4058

# Details

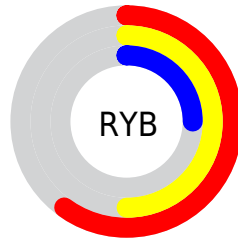
The Hex color **9A653F** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **3F749A**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **D39870**, and **633612** is the 20% darker color. If you saturate the color by 10%, you get **9A5C30**, and if you desaturate by 10%, it is **9A6E4E**.

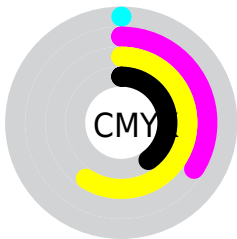
# Distribution



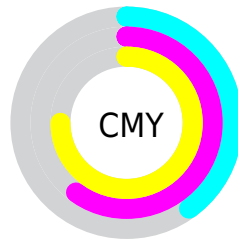
- Red (60%)
- Green (40%)
- Blue (25%)



- Red (60%)
- Yellow (50%)
- Blue (25%)



- Cyan (0%)
- Magenta (34%)
- Yellow (59%)
- Black (40%)



- Cyan (40%)
- Magenta (60%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9A653F 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 9A653F by changing the saturation by 10% instead.



 9A653F

 9A653F

FFFFFF

 7E4D28

 D39870

 633612

 F1B389

 4A2000

 FFCFA4

 2F0B00

 FFEBBF

 110000

 FFFFDB

 000000

 FFFFF8

 9A653F

 9A653F

 9A5C30

 9A6E4E

 9A5320

 9A775E

 9A4A11

 9A806D

 9A4101

 9A897D

 9A4000

 9A928C

 9A9B9B

 9AA4AB

 9AADBA

 9AB6CA

# Harmonies

## Analogous

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



A75C55



9A653F



836F35

# Triad

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



9A653F



008070



7369A4

# Complementary

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



9A653F



3F749A

# 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.



4074AB



9A653F



00808D

# Square

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



9A653F



407E53



007CA3



955F8F

# Rectangle

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



9A653F



6F7538



007CA3



646DA8



# Sweetspot

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



9A653F



C9B4A5



9A3F74



665950



E6E6E6



666666



# Same Dimension

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



9A653F



C9763A



9A923F



4D4845



8C3B00



0D0500



# Inverse Universe

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



3F749A



3A8EC9



3F479A



45494D



00528C



00070D



# Previews

## White Background



This preview shows how the Hex color 9A653F 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

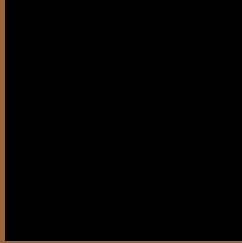
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 9A653F Background



This preview shows how black text looks on a background with the Hex color 9A653F.



This preview shows how white text looks on a background with the Hex color 9A653F.

# 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**  
9A653F

**Protanopia**  
7C7244

**Deuteranopia**  
8B6C3D

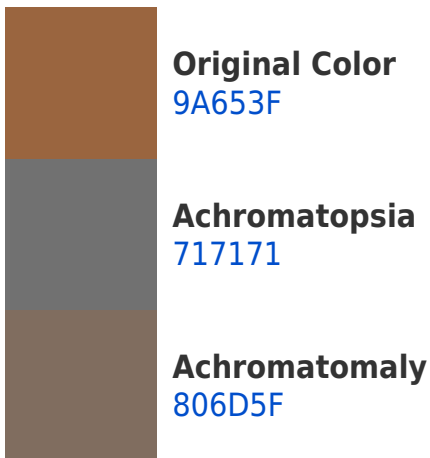


**Tritanopia**  
9D6067

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9A653F 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 #9A653F looks like.

```
.text, #text, p{  
    color:#9A653F  
}
```

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 #9A653F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A653F
}
```

## Border

The CSS property to change the border of an element to Hex 9A653F is called "border". The border property can be set on classes, ids or directly on the HTML element.

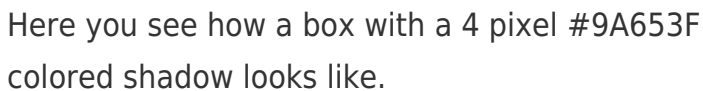
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9A653F }
```

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

```
.border{ border-color:#9A653F }
```

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



Here you see how a box with a 4 pixel #9A653F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A653F; -webkit-box-shadow:4px 4px  
4px 4px #9A653F; box-shadow:4px 4px 4px  
4px #9A653F }
```

# Background

The CSS property to change the background color of an element to Hex 9A653F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A653F }
```

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

```
.background{ background-color:#9A653F }
```

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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