

# Converting Colors

Hex(9A623D)

Have a look what the booklet for  
Hex(9A623D) contains.

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# Color

**Hex(9A623D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9A623D
RGB	154, 98, 61
RGB Percent	60%, 38%, 24%
CMY	0.3961, 0.6157, 0.7608
CMYK	0.00, 0.36, 0.60, 0.40
HSL	24°, 43%, 42%
HSV	24°, 60%, 60%
XYZ	18.5364, 15.9423, 6.5151
YIQ	110.5260, 45.2530, 0.3650

# Conversions

## Conversions Part 2

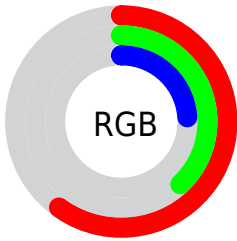
<b>Format</b>	<b>Color</b>
<b>RYB</b>	154, 122, 61
Decimal	10117693
CIELab	46.90, 18.84, 30.22
CIELCh	47, 35.613, 58.058
Yxy	15.9423, 0.4522, 0.3889
Android (android.graphics.Color)	4288307773 (0xFF9A623D)
YUV	110.5260, -24.4163, 38.1267
Hunter-Lab	39.9278, 12.9946, 18.2750

# Details

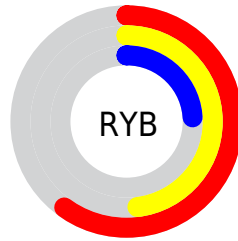
The Hex color **9A623D** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **3D759A**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **D3956D**, and **633310** is the 20% darker color. If you saturate the color by 10%, you get **9A592E**, and if you desaturate by 10%, it is **9A6B4C**.

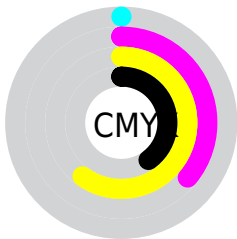
# Distribution



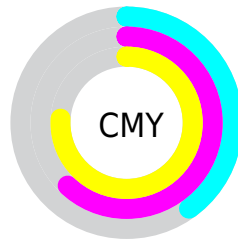
- Red (60%)
- Green (38%)
- Blue (24%)



- Red (60%)
- Yellow (48%)
- Blue (24%)



- Cyan (0%)
- Magenta (36%)
- Yellow (60%)
- Black (40%)



- Cyan (40%)
- Magenta (62%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9A623D 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 9A623D by changing the saturation by 10% instead.



 9A623D

 9A623D

FFFFFF

 7E4A26

 D3956D

 633310

 F1B087

 491D00

 FFCBA1

 2F0800

 FFE7BD

 0E0000

 FFFFD8

 000000

 FFFFF5

 9A623D

 9A623D

 9A592E

 9A6B4C

■ 9A4F1E

■ 9A755C

■ 9A460F

■ 9A7E6B

■ 9A3D00

■ 9A877B

■ 9A908A

■ 9A9A99

■ 9AA3A9

■ 9AACB8

■ 9AB5C8

# Harmonies

## Analogous

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



A75955



9A623D



836D32

# Triad

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



9A623D



007E6C



6E68A4

# Complementary

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



9A623D



3D759A

# 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.



3673AB



9A623D



007E8A

# Square

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



9A623D



407C4E



007AA1



925D8F

# Rectangle

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



9A623D



6F7334



007AA1



5E6CA8



# Sweetspot

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



9A623D



C9B4A5



9A3D76



665850



E6E6E6



666666



# Same Dimension

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



9A623D



C97238



9A8F3D



4D4845



8C3800



0D0500



# Inverse Universe

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



3D759A



3890C9



3D489A



45494D



00548C



00080D



# Previews

## White Background



This preview shows how the Hex color 9A623D looks on a white background.

## Color Contrast Check

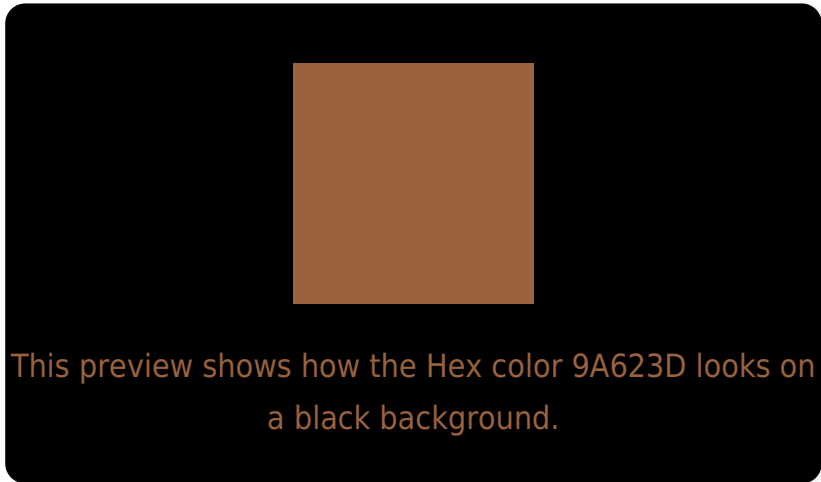
Large Text (above 18pt) WCAG AA ✓ Pass

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 9A623D Background



This preview shows how black text looks on a background with the Hex color 9A623D.



This preview shows how white text looks on a background with the Hex color 9A623D.

# 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**  
9A623D

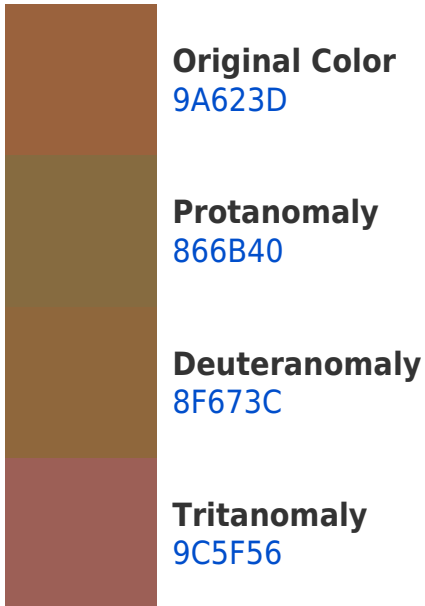
**Protanopia**  
7A7042

**Deuteranopia**  
896A3B

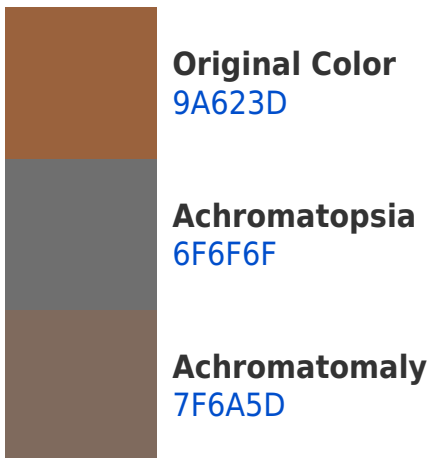


**Tritanopia**  
9D5D64

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9A623D 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 #9A623D looks like.

```
.text, #text, p{  
    color:#9A623D  
}
```

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 #9A623D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A623D
}
```

## Border

The CSS property to change the border of an element to Hex 9A623D 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
#9A623D }
```

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

```
.border{ border-color:#9A623D }
```

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

Here you see how a box with a 4 pixel #9A623D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A623D; -webkit-box-shadow:4px 4px  
4px 4px #9A623D; box-shadow:4px 4px 4px  
4px #9A623D }
```

# Background

The CSS property to change the background color of an element to Hex 9A623D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A623D }
```

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

```
.background{ background-color:#9A623D }
```

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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