

# Converting Colors

Hex(A9503D)

Have a look what the booklet for  
Hex(A9503D) contains.

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# Color

**Hex(A9503D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A9503D
RGB	169, 80, 61
RGB Percent	66%, 31%, 24%
CMY	0.3373, 0.6863, 0.7608
CMYK	0.00, 0.53, 0.64, 0.34
HSL	11°, 47%, 45%
HSV	11°, 64%, 66%
XYZ	20.0732, 14.5093, 6.1575
YIQ	104.4450, 59.1430, 12.9590

# Conversions

## Conversions Part 2

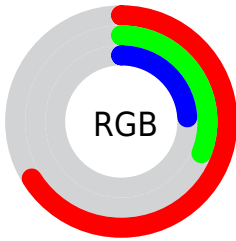
<b>Format</b>	<b>Color</b>
<b>RYB</b>	169, 84, 61
Decimal	11096125
CIELab	44.95, 35.02, 28.33
CIELCh	45, 45.044, 38.967
Yxy	14.5093, 0.4927, 0.3561
Android (android.graphics.Color)	4289286205 (0xFFA9503D)
YUV	104.4450, -21.4184, 56.6147
Hunter-Lab	38.0910, 27.4064, 17.0794

# Details

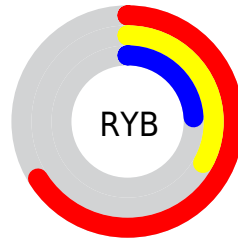
The Hex color **A9503D** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **3D96A9**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **E4836D**, and **701E12** is the 20% darker color. If you saturate the color by 10%, you get **A9422C**, and if you desaturate by 10%, it is **A95E4E**.

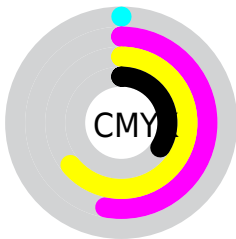
# Distribution



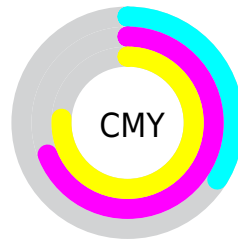
- Red (66%)
- Green (31%)
- Blue (24%)



- Red (66%)
- Yellow (33%)
- Blue (24%)



- Cyan (0%)
- Magenta (53%)
- Yellow (64%)
- Black (34%)



- Cyan (34%)
- Magenta (69%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A9503D 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 A9503D by changing the saturation by 10% instead.



 A9503D

 A9503D

FFFFFF

 8C3727

 E4836D

 701E12

 FF9E86

 540100

 FFBAA1

 380000

 FFD6BC

 1A0001

 FFF2D8

 000000

 FFFFF4

 A9503D

 A9503D

 A9422C

 A95E4E

 A9341B

 A96C5F

 A9260A

 A97A70

 A91E00

 A98881

 A99692

 A9A4A2

 A9B1B3

 A9BFC4

 A9CDD5

# Harmonies

## Analogous

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



AF4761



A9503D



945F22

# Triad

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



A9503D



007B4E



336BB5

# Complementary

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



A9503D



3D96A9

# 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.



0076B0



A9503D



007D75

# Square

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



A9503D



4B752C



007B99



7B5CA5

# Rectangle

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



A9503D



7F6818



007B99



006FB5



# Sweetspot

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



A9503D



DBB9B2



A93D97



6E5954



EDEDED



6E6E6E



# Same Dimension

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



A9503D



DB5032



A9853D



544D4C



941A00



140400



# Inverse Universe

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



3D96A9



32BEDB



3D61A9



4C5354



007A94



001114



# Previews

## White Background



This preview shows how the Hex color A9503D looks on a white background.

## Color Contrast Check

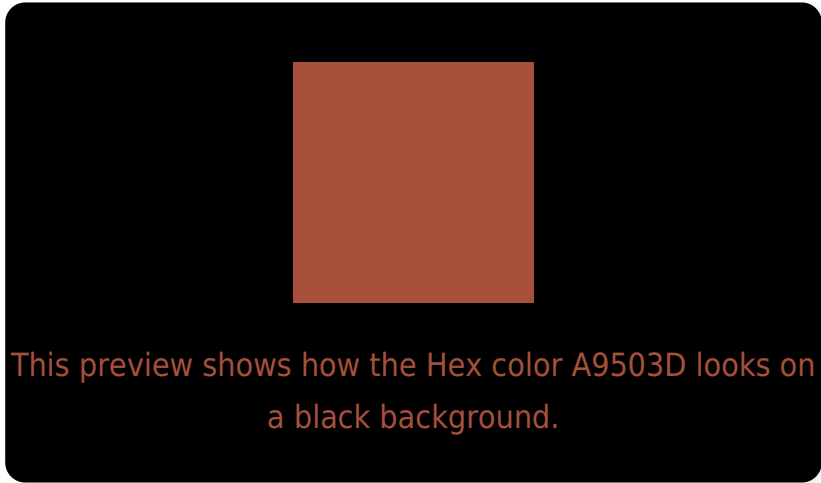
Large Text (above 18pt) WCAG AA ✓ Pass

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

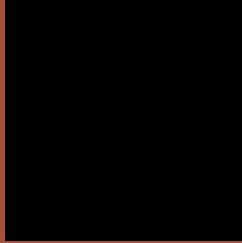
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex A9503D Background



This preview shows how black text looks on a background with the Hex color A9503D.



This preview shows how white text looks on a background with the Hex color A9503D.

# 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**  
A9503D

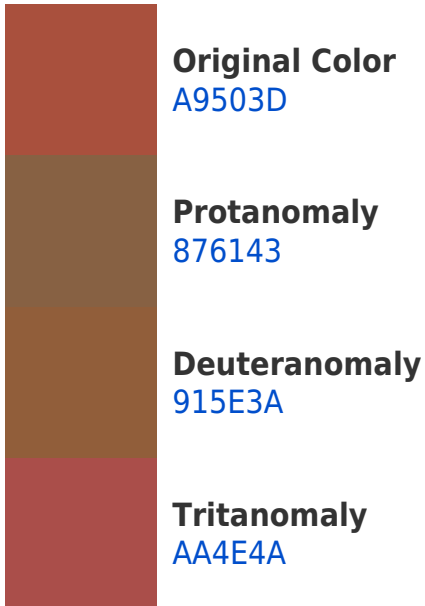
**Protanopia**  
746B47

**Deuteranopia**  
836639

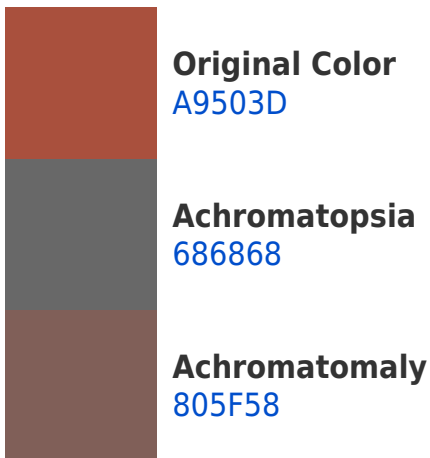


**Tritanopia**  
AA4D52

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A9503D 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 #A9503D looks like.

```
.text, #text, p{  
    color:#A9503D  
}
```

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 #A9503D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A9503D
}
```

## Border

The CSS property to change the border of an element to Hex A9503D is called "border". The border property can be set on classes, ids or directly on the HTML element.

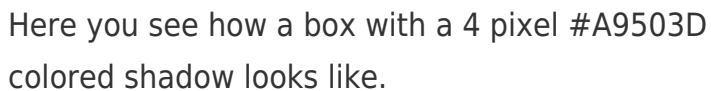
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A9503D }
```

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

```
.border{ border-color:#A9503D }
```

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



Here you see how a box with a 4 pixel `#A9503D` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A9503D; -webkit-box-shadow:4px 4px  
4px 4px #A9503D; box-shadow:4px 4px 4px  
4px #A9503D }
```

# Background

The CSS property to change the background color of an element to Hex A9503D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A9503D }
```

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

```
.background{ background-color:#A9503D }
```

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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