

# Converting Colors

Hex(9A6146)

Have a look what the booklet for  
Hex(9A6146) contains.

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**Color**

**Hex(9A6146)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9A6146
RGB	154, 97, 70
RGB Percent	60%, 38%, 27%
CMY	0.3961, 0.6196, 0.7255
CMYK	0.00, 0.37, 0.55, 0.40
HSL	19°, 37%, 44%
HSV	19°, 55%, 60%
XYZ	18.7066, 15.8616, 7.8700
YIQ	110.9650, 42.6390, 3.6870

# Conversions

## Conversions Part 2

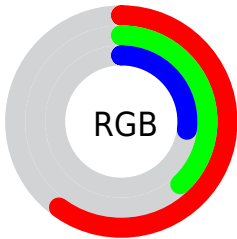
<b>Format</b>	<b>Color</b>
<b>RYB</b>	154, 110, 70
Decimal	10117446
CIELab	46.79, 20.18, 24.95
CIELCh	47, 32.094, 51.030
Yxy	15.8616, 0.4408, 0.3738
Android (android.graphics.Color)	4288307526 (0xFF9A6146)
YUV	110.9650, -20.1957, 37.7417
Hunter-Lab	39.8266, 14.1450, 16.1626

# Details

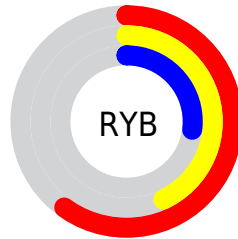
The Hex color **9A6146** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **467F9A**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **D39477**, and **63321A** is the 20% darker color. If you saturate the color by 10%, you get **9A5737**, and if you desaturate by 10%, it is **9A6B55**.

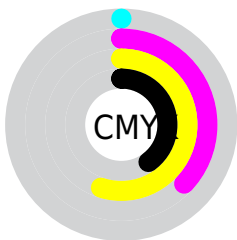
# Distribution



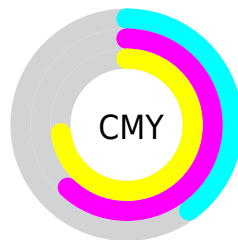
- Red (60%)
- Green (38%)
- Blue (27%)



- Red (60%)
- Yellow (43%)
- Blue (27%)



- Cyan (0%)
- Magenta (37%)
- Yellow (55%)
- Black (40%)



- Cyan (40%)
- Magenta (62%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9A6146 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 9A6146 by changing the saturation by 10% instead.





9A6146



9A6146

FFFFFF



7E492F



D39477



63321A



F0AF91



4A1C00



FFCAAB



300600



FFE7C7



100000



FFFFE3



000000



9A6146



9A6146



9A5737



9A6B55



9A4C27



9A7665

 9A4218

 9A8074

 9A3708

 9A8B84

 9A3100

 9A9593

 9AA0A2

 9AAAB2

 9AB5C1

 9ABFD1

# Harmonies

## Analogous

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



A35A5D



9A6146



876B39

# Triad

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



9A6146



247C66



656BA1

# Complementary

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



9A6146



467F9A

# 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.



3274A4



9A6146



007D81

# Square

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



9A6146



4E794C



007A98



896191

# Rectangle

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



9A6146



767139



007A98



566EA4



# Sweetspot

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



9A6146



C9B4A9



9A467F



665953



E6E6E6



666666



# Same Dimension

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



9A6146



C97147



9A8B46



4D4745



8C2D00



0D0400



# Inverse Universe

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



467F9A



479FC9



46559A



454A4D



005F8C



00090D



# Previews

## White Background



This preview shows how the Hex color 9A6146 looks on a white background.

## Color Contrast Check

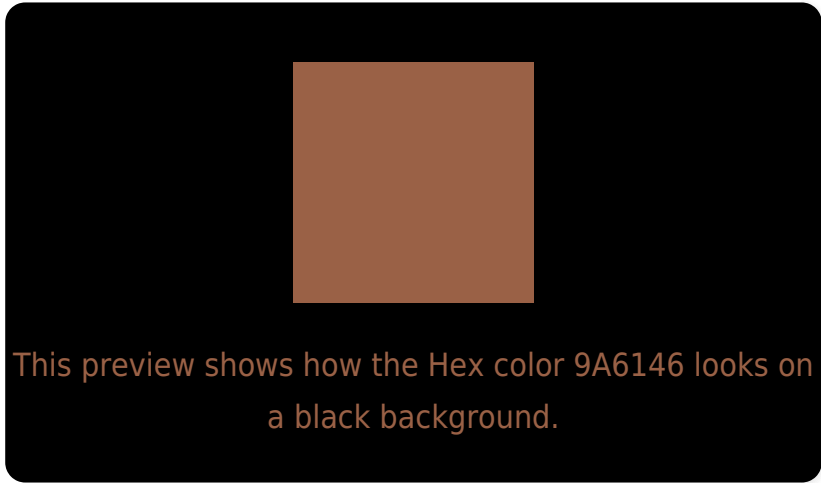
Large Text (above 18pt) WCAG AA ✓ Pass

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 9A6146 Background



This preview shows how black text looks on a background with the Hex color 9A6146.



This preview shows how white text looks on a background with the Hex color 9A6146.

# 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**  
9A6146

**Protanopia**  
796F4C

**Deuteranopia**  
876A44



**Tritanopia**  
9C5D64

# Trichromacy



**Original Color**  
9A6146

**Protanomaly**  
856A4A

**Deuteranomaly**  
8E6745

**Tritanomaly**  
9B5E59

# Monochromacy



**Original Color**  
9A6146

**Achromatopsia**  
6F6F6F

**Achromatomaly**  
7F6A60

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9A6146 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 #9A6146 looks like.

```
.text, #text, p{  
    color:#9A6146  
}
```

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 #9A6146 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A6146
}
```

## Border

The CSS property to change the border of an element to Hex 9A6146 is called "border". The border property can be set on classes, ids or directly on the HTML element.

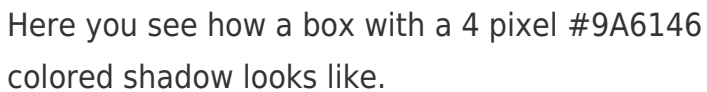
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9A6146 }
```

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

```
.border{ border-color:#9A6146 }
```

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



Here you see how a box with a 4 pixel #9A6146 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A6146; -webkit-box-shadow:4px 4px  
4px 4px #9A6146; box-shadow:4px 4px 4px  
4px #9A6146 }
```

# Background

The CSS property to change the background color of an element to Hex 9A6146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A6146 }
```

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

```
.background{ background-color:#9A6146 }
```

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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