

# Converting Colors

Hex(9A6446)

Have a look what the booklet for  
Hex(9A6446) contains.

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**Color**

**Hex(9A6446)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9A6446
RGB	154, 100, 70
RGB Percent	60%, 39%, 27%
CMY	0.3961, 0.6078, 0.7255
CMYK	0.00, 0.35, 0.55, 0.40
HSL	21°, 37%, 44%
HSV	21°, 55%, 60%
XYZ	18.9891, 16.4266, 7.9642
YIQ	112.7260, 41.8140, 2.1180

# Conversions

## Conversions Part 2

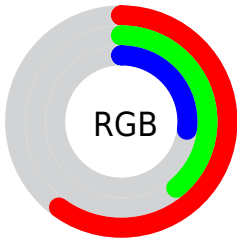
<b>Format</b>	<b>Color</b>
<b>RYB</b>	154, 117, 70
Decimal	10118214
CIELab	47.53, 18.46, 25.89
CIElCh	48, 31.801, 54.505
Yxy	16.4266, 0.4377, 0.3787
Android (android.graphics.Color)	4288308294 (0xFF9A6446)
YUV	112.7260, -21.0639, 36.1973
Hunter-Lab	40.5297, 12.7044, 16.7202

# Details

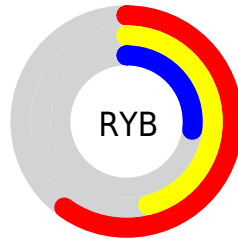
The Hex color **9A6446** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **467C9A**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **D39777**, and **643519** is the 20% darker color. If you saturate the color by 10%, you get **9A5A37**, and if you desaturate by 10%, it is **9A6E55**.

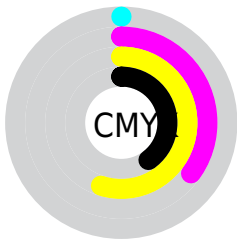
# Distribution



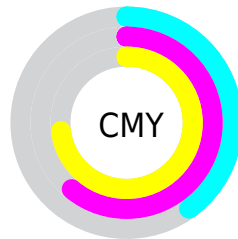
- Red (60%)
- Green (39%)
- Blue (27%)



- Red (60%)
- Yellow (46%)
- Blue (27%)



- Cyan (0%)
- Magenta (35%)
- Yellow (55%)
- Black (40%)



- Cyan (40%)
- Magenta (61%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9A6446 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 9A6446 by changing the saturation by 10% instead.



 9A6446

 9A6446

FFFFFF

 7E4C2F

 D39777

 643519

 F0B291

 4A1F00

 FFCEAB

 300A00

 FFEAC7

 120000

 FFFF E3

 000000

 9A6446

 9A6446

 9A5A37

 9A6E55

 9A5027

 9A7865

 9A4618

 9A8274

 9A3C08

 9A8C84

 9A3700

 9A9693

 9A9FA2

 9AA9B2

 9AB3C1

 9ABDD1

# Harmonies

## Analogous

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



A45D5C



9A6446



866D3B

# Triad

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



9A6446



217E6B



6C6CA1

# Complementary

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



9A6446



467C9A

# 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.



3C75A6



9A6446



007E86

# Square

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



9A6446



4C7C51



007B9C



8E6290

# Rectangle

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



9A6446



75733C



007B9C



5E6FA4



# Sweetspot

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



9A6446



C9B5A9



9A467D



665A53



E6E6E6



666666



# Same Dimension

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



9A6446



C97547



9A8D46



4D4845



8C3200



0D0500



# Inverse Universe

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



467C9A



479BC9



46539A



454A4D



005A8C



00080D



# Previews

## White Background



This preview shows how the Hex color 9A6446 looks on a white background.

## Color Contrast Check

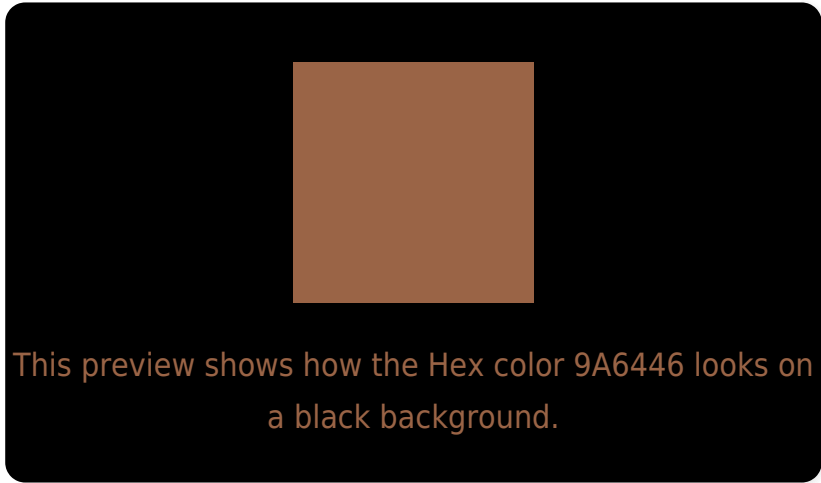
Large Text (above 18pt) WCAG AA ✓ Pass

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

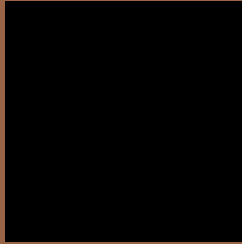
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 9A6446 Background



This preview shows how black text looks on a background with the Hex color 9A6446.



This preview shows how white text looks on a background with the Hex color 9A6446.

# 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**  
9A6446

**Protanopia**  
7B714B

**Deuteranopia**  
896C44

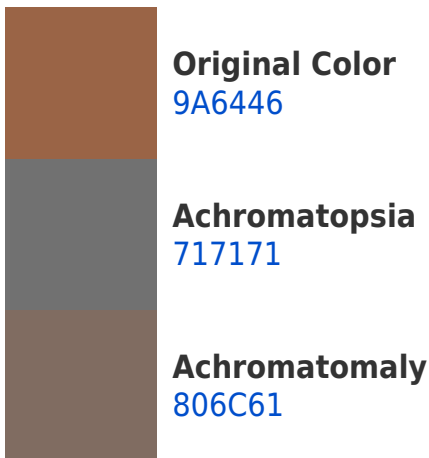


**Tritanopia**  
9C6067

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9A6446 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 #9A6446 looks like.

```
.text, #text, p{  
    color:#9A6446  
}
```

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 #9A6446 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A6446
}
```

## Border

The CSS property to change the border of an element to Hex 9A6446 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
#9A6446 }
```

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

```
.border{ border-color:#9A6446 }
```

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

Here you see how a box with a 4 pixel #9A6446 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A6446; -webkit-box-shadow:4px 4px  
4px 4px #9A6446; box-shadow:4px 4px 4px  
4px #9A6446 }
```

# Background

The CSS property to change the background color of an element to Hex 9A6446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A6446 }
```

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

```
.background{ background-color:#9A6446 }
```

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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