

# Converting Colors

Hex(9B6127)

Have a look what the booklet for  
Hex(9B6127) contains.

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**Color**

**Hex(9B6127)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9B6127
RGB	155, 97, 39
RGB Percent	61%, 38%, 15%
CMY	0.3922, 0.6196, 0.8471
CMYK	0.00, 0.37, 0.75, 0.39
HSL	30°, 60%, 38%
HSV	30°, 75%, 61%
XYZ	18.1585, 15.6644, 3.9859
YIQ	107.7300, 53.1860, -5.7420

# Conversions

## Conversions Part 2

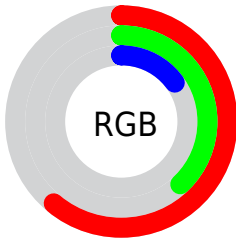
<b>Format</b>	<b>Color</b>
<b>RYB</b>	155, 155, 39
Decimal	10182951
CIELab	46.53, 18.44, 41.40
CIElCh	47, 45.325, 65.992
Yxy	15.6644, 0.4803, 0.4143
Android (android.graphics.Color)	4288373031 (0xFF9B6127)
YUV	107.7300, -33.8839, 41.4558
Hunter-Lab	39.5783, 12.6335, 21.7337

# Details

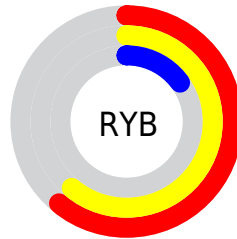
The Hex color **9B6127** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **27619B**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **D59458**, and **633200** is the 20% darker color. If you saturate the color by 10%, you get **9B5918**, and if you desaturate by 10%, it is **9B6937**.

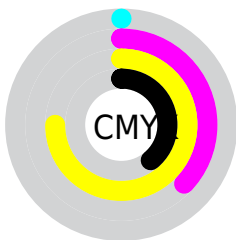
# Distribution



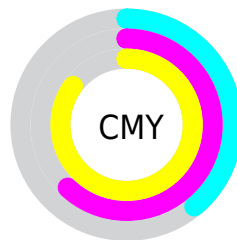
- Red (61%)
- Green (38%)
- Blue (15%)



- Red (61%)
- Yellow (61%)
- Blue (15%)



- Cyan (0%)
- Magenta (37%)
- Yellow (75%)
- Black (39%)



- Cyan (39%)
- Magenta (62%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9B6127 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 9B6127 by changing the saturation by 10% instead.



 9B6127

 9B6127

FFFFFF

 7F490E

 D59458

 633200

 F3AF71

 481D00

 FFCA8B

 2E0700

 FFE6A6

 090000

 FFFFC1

 000000

 FFFFDD

 FFFFFA

 9B6127

 9B6127

■ 9B5918

■ 9B6937

■ 9B5208

■ 9B7146

■ 9B4E00

■ 9B7856

■ 9B8065

■ 9B8875

■ 9B9084

■ 9B9793

■ 9B9FA3

■ 9BA7B3

# Harmonies

## Analogous

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



AF5244



9B6127



7C6F1C

# Triad

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



9B6127



008175



7A61AC

# Complementary

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



9B6127



27619B

# 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.



2C70BA



9B6127



00809A

# Square

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



9B6127



0B7E4E



007AB3



A2528E

# Rectangle

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



9B6127



627624



007AB3



6666B3



# Sweetspot

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



9B6127



C9B39D



9B2761



66594B



E6E6E6



666666



# Same Dimension

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



9B6127



C96F14



9B9B27



4D4945



8C4600



0D0600



# Inverse Universe

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



27619B



146FC9



27279B



45494D



00468C



00060D



# Previews

## White Background



This preview shows how the Hex color 9B6127 looks on a white background.

## Color Contrast Check

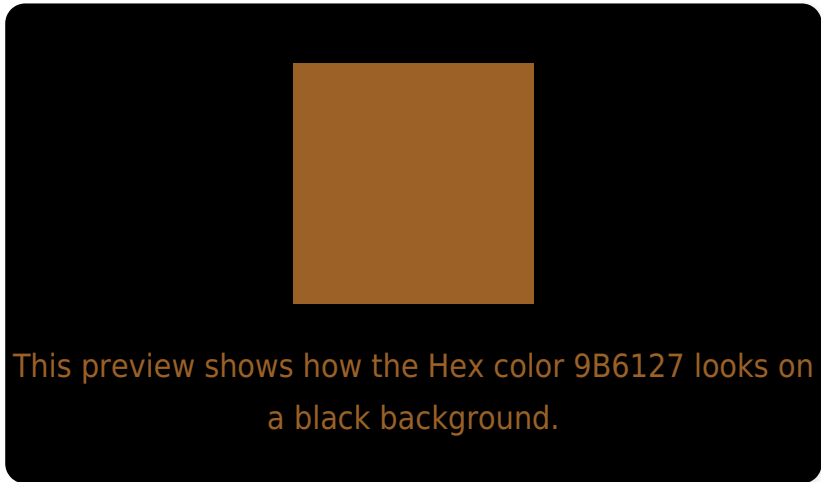
Large Text (above 18pt) WCAG AA ✓ Pass

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

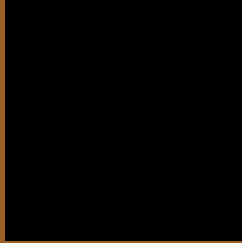
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 9B6127 Background



This preview shows how black text looks on a background with the Hex color 9B6127.



This preview shows how white text looks on a background with the Hex color 9B6127.

# 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**  
9B6127

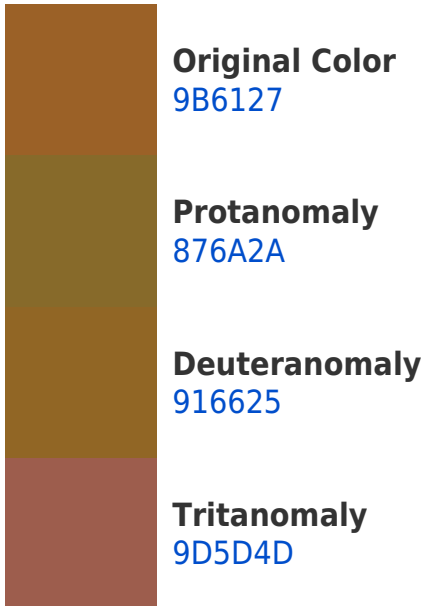
**Protanopia**  
7C6F2B

**Deuteranopia**  
8B6924



**Tritanopia**  
9E5B62

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9B6127 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 #9B6127 looks like.

```
.text, #text, p{  
    color:#9B6127  
}
```

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 #9B6127 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B6127
}
```

## Border

The CSS property to change the border of an element to Hex 9B6127 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
#9B6127 }
```

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

```
.border{ border-color:#9B6127 }
```

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

Here you see how a box with a 4 pixel #9B6127 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B6127; -webkit-box-shadow:4px 4px  
4px 4px #9B6127; box-shadow:4px 4px 4px  
4px #9B6127 }
```

# Background

The CSS property to change the background color of an element to Hex 9B6127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B6127 }
```

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

```
.background{ background-color:#9B6127 }
```

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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