

# Converting Colors

Hex(9E6D1E)

Have a look what the booklet for  
Hex(9E6D1E) contains.

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# Color

**Hex(9E6D1E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9E6D1E
RGB	158, 109, 30
RGB Percent	62%, 43%, 12%
CMY	0.3804, 0.5725, 0.8824
CMYK	0.00, 0.31, 0.81, 0.38
HSL	37°, 68%, 37%
HSV	37°, 81%, 62%
XYZ	19.8035, 18.3001, 3.7168
YIQ	114.6450, 54.5630, -14.1810

# Conversions

## Conversions Part 2

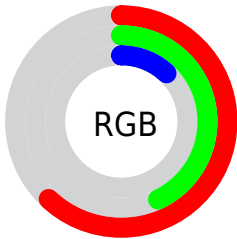
<b>Format</b>	<b>Color</b>
<b>RYB</b>	109, 158, 30
Decimal	10382622
CIELab	49.86, 12.55, 48.67
CIELCh	50, 50.261, 75.544
Yxy	18.3001, 0.4735, 0.4376
Android (android.graphics.Color)	4288572702 (0xFF9E6D1E)
YUV	114.6450, -41.7300, 38.0223
Hunter-Lab	42.7786, 7.7705, 24.7936

# Details

The Hex color **9E6D1E** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **1E4F9E**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **D9A051**, and **663E00** is the 20% darker color. If you saturate the color by 10%, you get **9E670E**, and if you desaturate by 10%, it is **9E732E**.

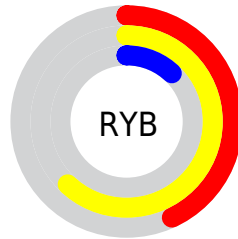
# Distribution



Red (62%)

Green (43%)

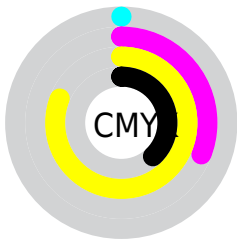
Blue (12%)



Red (43%)

Yellow (62%)

Blue (12%)

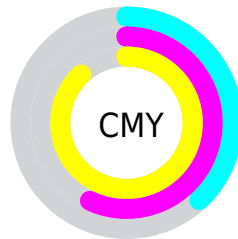


Cyan (0%)

Magenta (31%)

Yellow (81%)

Black (38%)



Cyan (38%)

Magenta (57%)

Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9E6D1E 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 9E6D1E by changing the saturation by 10% instead.



 9E6D1E

 9E6D1E

FFFFFF

 825500

 D9A051

 663E00

 F7BB6B

 4B2800

 FFD785

 301300

 FFF3A0

 190001

 FFFFBB

 000000

 FFFFD7

 FFFFF4

 9E6D1E

 9E6D1E

■ 9E670E

■ 9E732E

■ 9E6200

■ 9E793E

■ 9E7F4D

■ 9E855D

■ 9E8B6D

■ 9E917D

■ 9E978D

■ 9E9D9C

■ 9EA3AC

# Harmonies

## Analogous

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



B95C3B



9E6D1E



787B1B

# Triad

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



9E6D1E



008B8C



9562B3

# Complementary

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



9E6D1E



1E4F9E

# 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.



4F74C9



9E6D1E



0089B3

# Square

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



9E6D1E



008A60



0081C9



BA528D

# Rectangle

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



9E6D1E



59822C



0081C9



8268BC



# Sweetspot

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



9E6D1E



CFBC9D



9E1E4F



695D4A



E8E8E8



696969



# Same Dimension

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



9E6D1E



CF8206



8F9E1E



4F4C47



8F5800



0F0900



# Inverse Universe

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



1E4F9E



0653CF



2D1E9E



474A4F



00378F

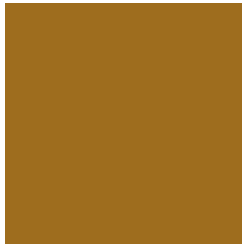


00060F



# Previews

## White Background



This preview shows how the Hex color 9E6D1E looks on a white background.

## Color Contrast Check

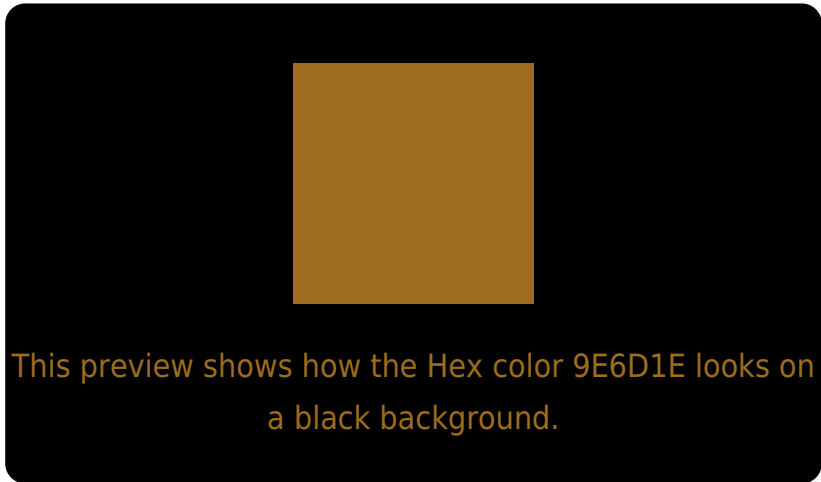
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

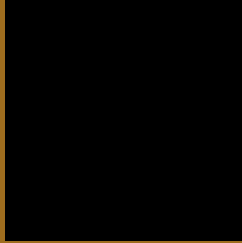
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9E6D1E Background



This preview shows how black text looks on a background with the Hex color 9E6D1E.



This preview shows how white text looks on a background with the Hex color 9E6D1E.

# 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**  
9E6D1E

**Protanopia**  
867721

**Deuteranopia**  
96711C

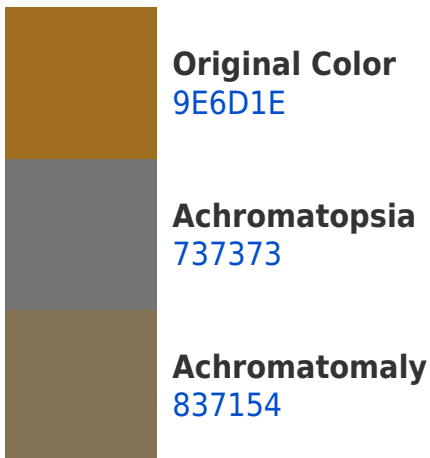


**Tritanopia**  
A3666D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9E6D1E 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 #9E6D1E looks like.

```
.text, #text, p{  
    color:#9E6D1E  
}
```

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 #9E6D1E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E6D1E
}
```

## Border

The CSS property to change the border of an element to Hex 9E6D1E 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
#9E6D1E }
```

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

```
.border{ border-color:#9E6D1E }
```

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

Here you see how a box with a 4 pixel #9E6D1E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E6D1E; -webkit-box-shadow:4px 4px  
4px 4px #9E6D1E; box-shadow:4px 4px 4px  
4px #9E6D1E }
```

# Background

The CSS property to change the background color of an element to Hex 9E6D1E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E6D1E }
```

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

```
.background{ background-color:#9E6D1E }
```

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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