

# Converting Colors

Hex(9D6E1C)

Have a look what the booklet for  
Hex(9D6E1C) contains.

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**Color**

**Hex(9D6E1C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9D6E1C
RGB	157, 110, 28
RGB Percent	62%, 43%, 11%
CMY	0.3843, 0.5686, 0.8902
CMYK	0.00, 0.30, 0.82, 0.38
HSL	38°, 70%, 36%
HSV	38°, 82%, 62%
XYZ	19.6902, 18.4038, 3.6131
YIQ	114.7050, 54.3340, -15.5380

# Conversions

## Conversions Part 2

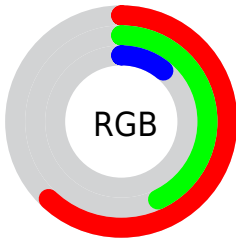
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	102, 157, 28
Decimal	10317340
CIE <sub>Lab</sub>	49.98, 11.45, 49.49
CIE <sub>LCh</sub>	50, 50.799, 76.979
Yxy	18.4038, 0.4721, 0.4413
Android (android.graphics.Color)	4288507420 (0xFF9D6E1C)
YUV	114.7050, -42.7456, 37.0927
Hunter-Lab	42.8996, 6.8539, 25.0362

# Details

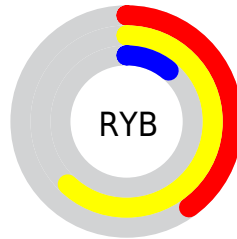
The Hex color **9D6E1C** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **1C4B9D**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **D7A14F**, and **653F00** is the 20% darker color. If you saturate the color by 10%, you get **9D680C**, and if you desaturate by 10%, it is **9D742C**.

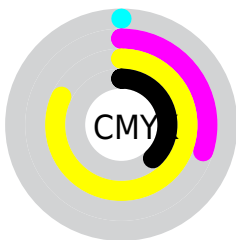
# Distribution



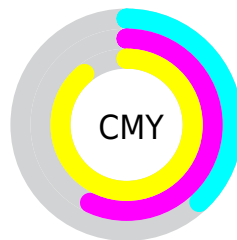
- Red (62%)
- Green (43%)
- Blue (11%)



- Red (40%)
- Yellow (62%)
- Blue (11%)



- Cyan (0%)
- Magenta (30%)
- Yellow (82%)
- Black (38%)



- Cyan (38%)
- Magenta (57%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9D6E1C 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 9D6E1C by changing the saturation by 10% instead.





9D6E1C



9D6E1C

FFFFFF



815600



D7A14F



653F00



F5BC69



4A2900



FFD883



301400



FFF59E



180001



FFFFBA



000000



FFFFD6



FFFFF3



9D6E1C



9D6E1C

■ 9D680C

■ 9D742C

■ 9D6400

■ 9D793B

■ 9D7F4B

■ 9D855B

■ 9D8B6B

■ 9D907A

■ 9D968A

■ 9D9C9A

■ 9DA1A9

# Harmonies

## Analogous

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



B95D39



9D6E1C



767C1A

# Triad

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



9D6E1C



008C8F



9861B2

# Complementary

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



9D6E1C



1C4B9D

# 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.



5373CA



9D6E1C



0089B5

# Square

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



9D6E1C



008A62



0081CB



BC518C

# Rectangle

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



9D6E1C



56832D



0081CB



8667BC



# Sweetspot

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



9D6E1C



CCB999



9D1C4B



665B47



E6E6E6



666666



# Same Dimension

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



9D6E1C



CC8202



8C9D1C



4F4C47



8F5B00



0F0A00



# Inverse Universe

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



1C4B9D



024CCC



2D1C9D



474A4F



00348F



00060F



# Previews

## White Background



This preview shows how the Hex color 9D6E1C looks on a white background.

## Color Contrast Check

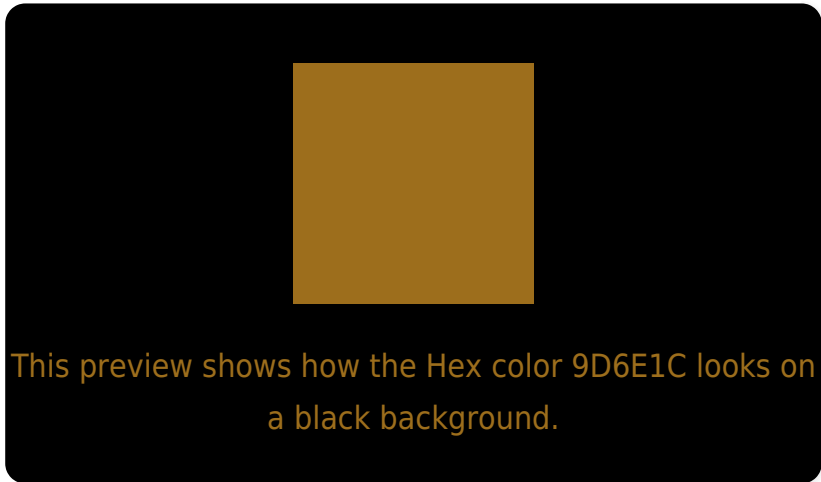
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# 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 9D6E1C Background



This preview shows how black text looks on a background with the Hex color 9D6E1C.



This preview shows how white text looks on a background with the Hex color 9D6E1C.

# 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**  
9D6E1C

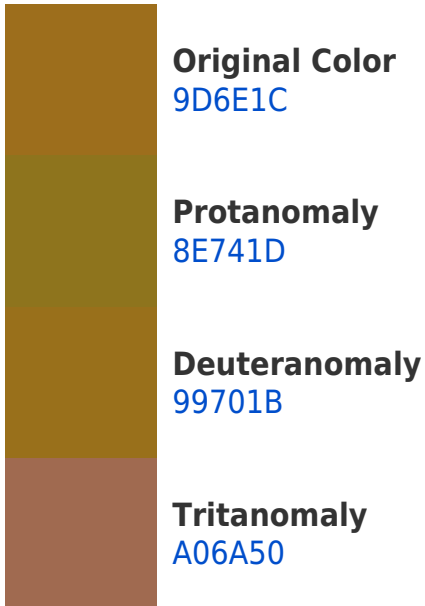
**Protanopia**  
86781E

**Deuteranopia**  
96711A

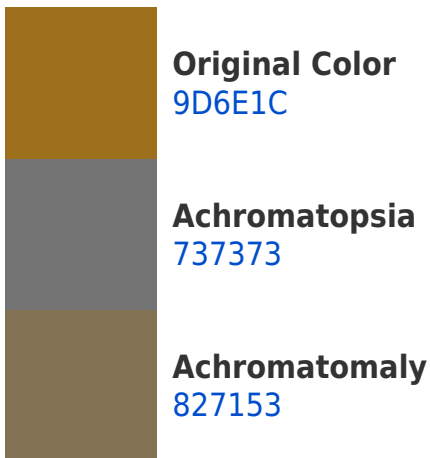


**Tritanopia**  
A2676E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9D6E1C 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 #9D6E1C looks like.

```
.text, #text, p{  
    color:#9D6E1C  
}
```

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 #9D6E1C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D6E1C
}
```

## Border

The CSS property to change the border of an element to Hex 9D6E1C 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
#9D6E1C }
```

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

```
.border{ border-color:#9D6E1C }
```

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

Here you see how a box with a 4 pixel #9D6E1C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D6E1C; -webkit-box-shadow:4px 4px  
4px 4px #9D6E1C; box-shadow:4px 4px 4px  
4px #9D6E1C }
```

# Background

The CSS property to change the background color of an element to Hex 9D6E1C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D6E1C }
```

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

```
.background{ background-color:#9D6E1C }
```

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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