

# Converting Colors

Hex(9D761A)

Have a look what the booklet for  
Hex(9D761A) contains.

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**Color**

**Hex(9D761A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9D761A
RGB	157, 118, 26
RGB Percent	62%, 46%, 10%
CMY	0.3843, 0.5373, 0.8980
CMYK	0.00, 0.25, 0.83, 0.38
HSL	42°, 72%, 36%
HSV	42°, 83%, 62%
XYZ	20.5695, 20.1995, 3.7921
YIQ	119.1730, 52.7760, -20.3440

# Conversions

## Conversions Part 2

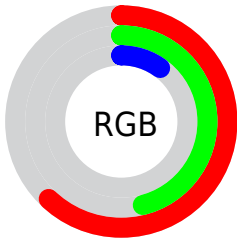
<b>Format</b>	<b>Color</b>
<b>RYB</b>	82, 157, 26
Decimal	10319386
CIELab	52.06, 6.82, 52.04
CIELCh	52, 52.480, 82.532
Yxy	20.1995, 0.4616, 0.4533
Android (android.graphics.Color)	4288509466 (0xFF9D761A)
YUV	119.1730, -45.9343, 33.1743
Hunter-Lab	44.9439, 3.0424, 26.4583

# Details

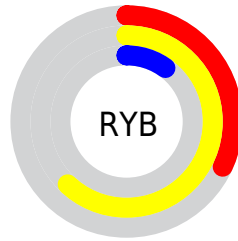
The Hex color **9D761A** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **1A419D**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **D7AA4F**, and **654600** is the 20% darker color. If you saturate the color by 10%, you get **9D710A**, and if you desaturate by 10%, it is **9D7B2A**.

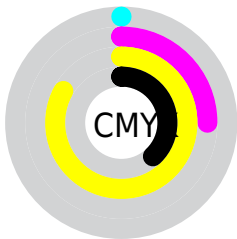
# Distribution



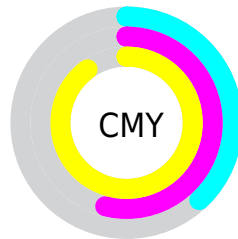
- Red (62%)
- Green (46%)
- Blue (10%)



- Red (32%)
- Yellow (62%)
- Blue (10%)



- Cyan (0%)
- Magenta (25%)
- Yellow (83%)
- Black (38%)



- Cyan (38%)
- Magenta (54%)
- Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9D761A 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 9D761A by changing the saturation by 10% instead.



 9D761A

 9D761A

FFFFFF

 815D00

 D7AA4F

 654600

 F5C569

 4A3000

 FFE183

 301B00

 FFFE9E

 180200

 FFFFBA

 000000

 FFFF D6

 FFFFF3

 9D761A

 9D761A

■ 9D710A

■ 9D7B2A

■ 9D6E00

■ 9D7F39

■ 9D8449

■ 9D8959

■ 9D8D69

■ 9D9278

■ 9D9788

■ 9D9B98

■ 9DA0A7

# Harmonies

## Analogous

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



BD6435



9D761A



738420

# Triad

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



9D761A



00929D



A861B3

# Complementary

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



9D761A



1A419D

# 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.



6875D0



9D761A



008EC3

# Square

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



9D761A



00916F



0085D5



C85389

# Rectangle

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



9D761A



4F8A35



0085D5



9768BF



# Sweetspot

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



9D761A



CCBD99



9D1A41



665D47



E6E6E6



666666



# Same Dimension

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



9D761A



CC8F00



839D1A



4F4D47



8F6400



0F0B00



# Inverse Universe

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



1A419D



003DCC



341A9D



47494F



002B8F

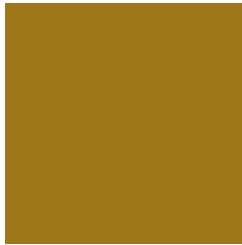


00050F



# Previews

## White Background



This preview shows how the Hex color 9D761A looks on a white background.

## Color Contrast Check

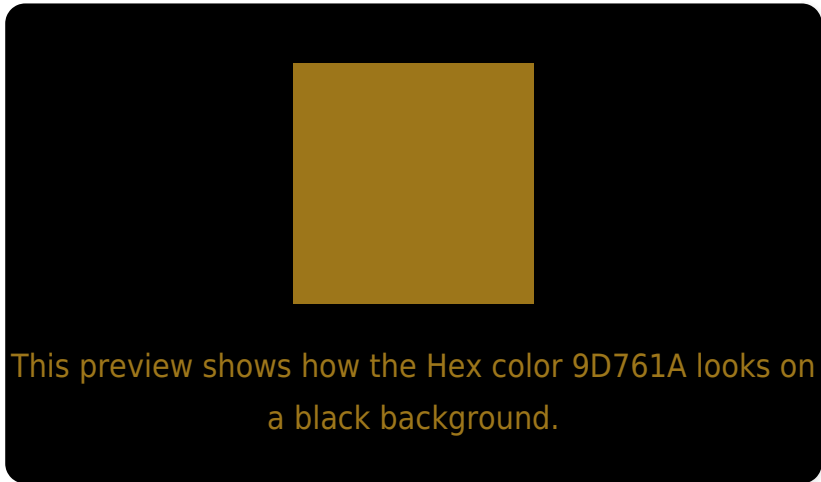
Large Text (above 18pt) WCAG AA ✓ Pass

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 9D761A Background



This preview shows how black text looks on a background with the Hex color 9D761A.



This preview shows how white text looks on a background with the Hex color 9D761A.

# 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**  
9D761A

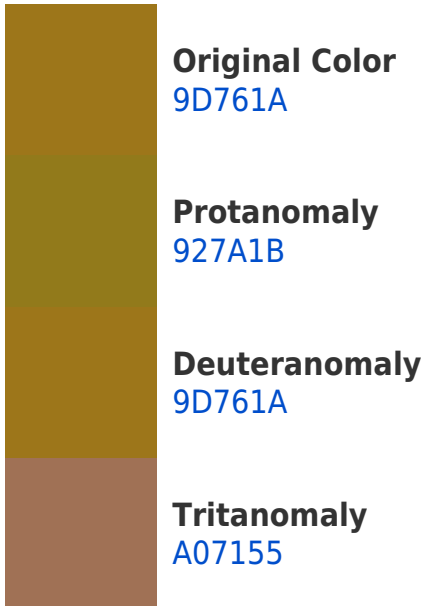
**Protanopia**  
8C7D1C

**Deuteranopia**  
9D761A

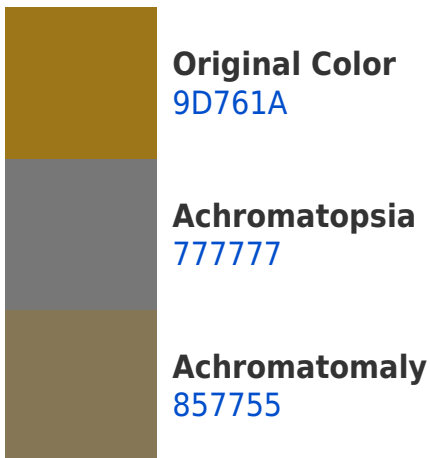


**Tritanopia**  
A26E76

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9D761A 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 #9D761A looks like.

```
.text, #text, p{  
    color:#9D761A  
}
```

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 #9D761A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D761A
}
```

## Border

The CSS property to change the border of an element to Hex 9D761A 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
#9D761A }
```

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

```
.border{ border-color:#9D761A }
```

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

Here you see how a box with a 4 pixel #9D761A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D761A; -webkit-box-shadow:4px 4px  
4px 4px #9D761A; box-shadow:4px 4px 4px  
4px #9D761A }
```

# Background

The CSS property to change the background color of an element to Hex 9D761A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D761A }
```

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

```
.background{ background-color:#9D761A }
```

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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