

Converting Colors

Hex(9D751F)

Have a look what the booklet for
Hex(9D751F) contains.

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Color

Hex(9D751F)

Conversions

Conversions Part 1

Format	Color
Hex	9D751F
RGB	157, 117, 31
RGB Percent	62%, 46%, 12%
CMY	0.3843, 0.5412, 0.8784
CMYK	0.00, 0.25, 0.80, 0.38
HSL	41°, 67%, 37%
HSV	41°, 80%, 62%
XYZ	20.5132, 19.9896, 4.0735
YIQ	119.1560, 51.4460, -18.2660

Conversions

Conversions Part 2

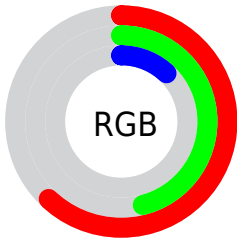
Format	Color
RYB	90, 157, 31
Decimal	10319135
CIELab	51.83, 7.57, 50.05
CIELCh	52, 50.618, 81.403
Yxy	19.9896, 0.4602, 0.4484
Android (android.graphics.Color)	4288509215 (0xFF9D751F)
YUV	119.1560, -43.4609, 33.1892
Hunter-Lab	44.7097, 3.6554, 25.8949

Details

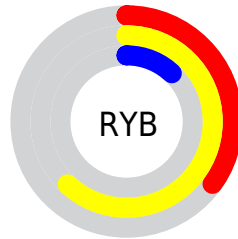
The Hex color **9D751F** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **1F479D**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **D7A953**, and **654500** is the 20% darker color. If you saturate the color by 10%, you get **9D700F**, and if you desaturate by 10%, it is **9D7A2F**.

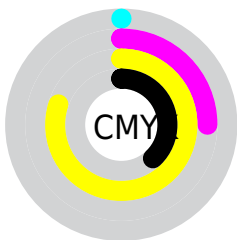
Distribution



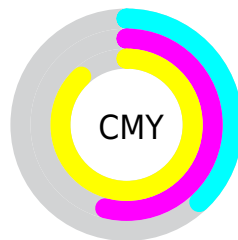
- Red (62%)
- Green (46%)
- Blue (12%)



- Red (35%)
- Yellow (62%)
- Blue (12%)



- Cyan (0%)
- Magenta (25%)
- Yellow (80%)
- Black (38%)



- Cyan (38%)
- Magenta (54%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9D751F 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 9D751F by changing the saturation by 10% instead.

 9D751F

 9D751F

FFFFFF

 815D00

 D7A953

 654500

 F5C46C

 4A2F00

 FFE087

 301A00

 FFFCA2

 180000

 FFFFBD

 000000

 FFFFDA

 FFFFF7

 9D751F

 9D751F

■ 9D700F

■ 9D7A2F

■ 9D6B00

■ 9D7F3E

■ 9D844E

■ 9D895E

■ 9D8E6E

■ 9D937D

■ 9D988D

■ 9D9D9D

■ 9DA2AC

Harmonies

Analogous

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



BB6439



9D751F



748323

Triad

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



9D751F



00909A



A463B2

Complementary

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



9D751F



1F479D

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.



6675CD



9D751F



008DBF

Square

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



9D751F



00906D



0084D1



C4558A

Rectangle

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



9D751F



538936



0084D1



9369BD

Sweetspot

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



9D751F



CCBC9B



9D1F49



665D48



E6E6E6



666666

Same Dimension

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



9D751F



CC8E08



889D1F



4F4D47



8F6100



0F0A00

Inverse Universe

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



1F479D



0846CC



341F9D



474A4F



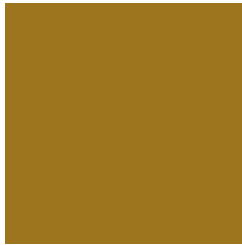
002D8F



00050F

Previews

White Background



This preview shows how the Hex color 9D751F looks on a white background.

Color Contrast Check

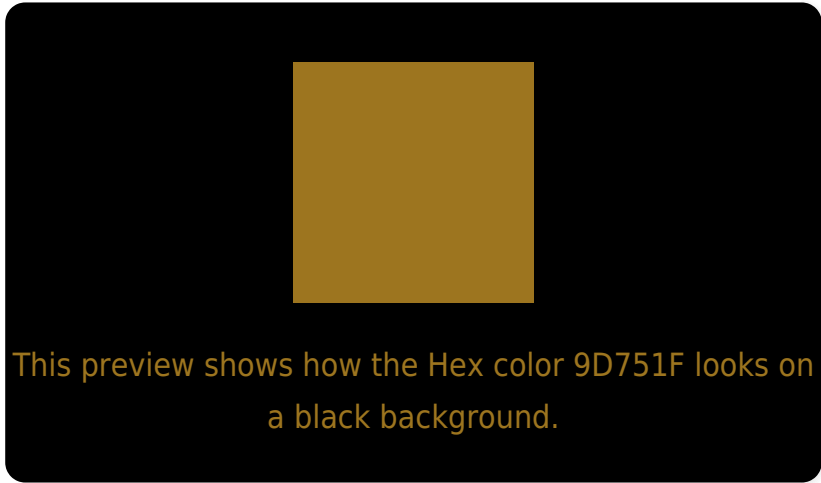
Large Text (above 18pt) WCAG AA ✓ Pass

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 9D751F Background



This preview shows how black text looks on a background with the Hex color 9D751F.



This preview shows how white text looks on a background with the Hex color 9D751F.

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
9D751F

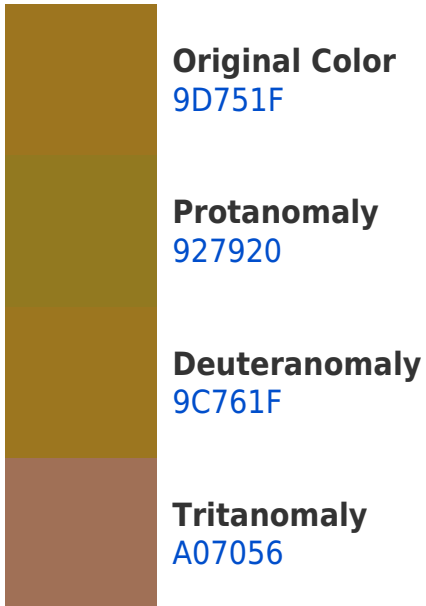
Protanopia
8B7C21

Deuteranopia
9C761F

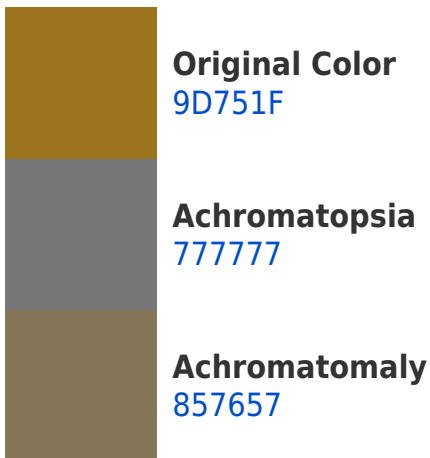


Tritanopia
A26D75

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9D751F 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 #9D751F looks like.

```
.text, #text, p{  
    color:#9D751F  
}
```

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 #9D751F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D751F
}
```

Border

The CSS property to change the border of an element to Hex 9D751F 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
#9D751F }
```

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

```
.border{ border-color:#9D751F }
```

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

Here you see how a box with a 4 pixel #9D751F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D751F; -webkit-box-shadow:4px 4px  
4px 4px #9D751F; box-shadow:4px 4px 4px  
4px #9D751F }
```

Background

The CSS property to change the background color of an element to Hex 9D751F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D751F }
```

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

```
.background{ background-color:#9D751F }
```

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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