

Converting Colors

Hex(9E6D2F)

Have a look what the booklet for
Hex(9E6D2F) contains.

Hex(9E6D2F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(9E6D2F)

Conversions

Conversions Part 1

Format	Color
Hex	9E6D2F
RGB	158, 109, 47
RGB Percent	62%, 43%, 18%
CMY	0.3804, 0.5725, 0.8157
CMYK	0.00, 0.31, 0.70, 0.38
HSL	34°, 54%, 40%
HSV	34°, 70%, 62%
XYZ	20.0823, 18.4116, 5.1847
YIQ	116.5830, 49.1060, -8.8940

Conversions

Conversions Part 2

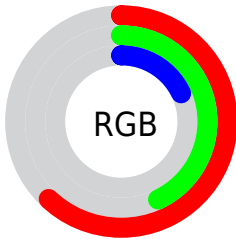
Format	Color
RYB	135, 158, 47
Decimal	10382639
CIELab	49.99, 13.36, 41.29
CIElCh	50, 43.394, 72.074
Yxy	18.4116, 0.4598, 0.4215
Android (android.graphics.Color)	4288572719 (0xFF9E6D2F)
YUV	116.5830, -34.3044, 36.3227
Hunter-Lab	42.9088, 8.4518, 22.8721

Details

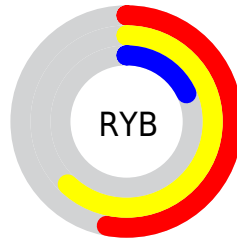
The Hex color **9E6D2F** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **2F609E**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **D8A060**, and **663E00** is the 20% darker color. If you saturate the color by 10%, you get **9E661F**, and if you desaturate by 10%, it is **9E743F**.

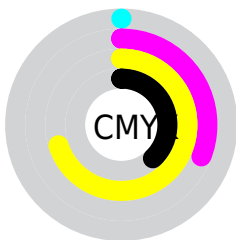
Distribution



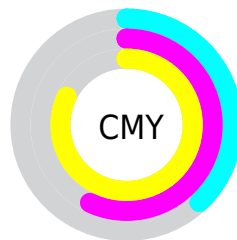
- Red (62%)
- Green (43%)
- Blue (18%)



- Red (53%)
- Yellow (62%)
- Blue (18%)



- Cyan (0%)
- Magenta (31%)
- Yellow (70%)
- Black (38%)



- Cyan (38%)
- Magenta (57%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9E6D2F 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 9E6D2F by changing the saturation by 10% instead.

 9E6D2F

 9E6D2F

FFFFFF

 825517

 D8A060

 663E00

 F6BB7A

 4C2800

 FFD794

 311300

 FFF4AF

 1A0001

 FFFFCB

 000000

 FFFFE7

 9E6D2F

 9E6D2F

 9E661F

 9E743F

■ 9E5F0F

■ 9E7B4F

■ 9E5800

■ 9E825E

■ 9E896E

■ 9E907E

■ 9E978E

■ 9E9E9E

■ 9EA5AD

■ 9EACBD

Harmonies

Analogous

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



B45F47



9E6D2F



7D7A2A

Triad

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



9E6D2F



008985



8D67AE

Complementary

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



9E6D2F



2F609E

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.



5176BF



9E6D2F



0087A7

Square

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



9E6D2F



08885F



0081BD



AF5A8F

Rectangle

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



9E6D2F



648035



0081BD



7C6CB6

Sweetspot

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



9E6D2F



CFBBA3



9E2F61



695D4E



E8E8E8



696969

Same Dimension

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



9E6D2F



CF8221



989E2F



4F4C47



8F5000



0F0900

Inverse Universe

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



2F609E



216ECF



352F9E



474B4F



003F8F



00070F

Previews

White Background



This preview shows how the Hex color 9E6D2F 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 9E6D2F Background



This preview shows how black text looks on a background with the Hex color 9E6D2F.



This preview shows how white text looks on a background with the Hex color 9E6D2F.

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
9E6D2F

Protanopia
857732

Deuteranopia
95712E

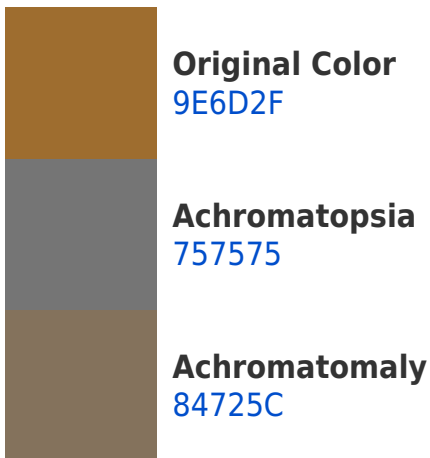


Tritanopia
A2666E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9E6D2F 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 #9E6D2F looks like.

```
.text, #text, p{  
    color:#9E6D2F  
}
```

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 #9E6D2F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E6D2F
}
```

Border

The CSS property to change the border of an element to Hex 9E6D2F 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
#9E6D2F }
```

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

```
.border{ border-color:#9E6D2F }
```

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

Here you see how a box with a 4 pixel #9E6D2F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E6D2F; -webkit-box-shadow:4px 4px  
4px 4px #9E6D2F; box-shadow:4px 4px 4px  
4px #9E6D2F }
```

Background

The CSS property to change the background color of an element to Hex 9E6D2F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E6D2F }
```

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

```
.background{ background-color:#9E6D2F }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor