

Converting Colors

Hex(9E6A5F)

Have a look what the booklet for
Hex(9E6A5F) contains.

Hex(9E6A5F)	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(9E6A5F)

Conversions

Conversions Part 1

Format	Color
Hex	9E6A5F
RGB	158, 106, 95
RGB Percent	62%, 42%, 37%
CMY	0.3804, 0.5843, 0.6275
CMYK	0.00, 0.33, 0.40, 0.38
HSL	10°, 25%, 50%
HSV	10°, 40%, 62%
XYZ	21.3201, 18.4034, 13.2550
YIQ	120.2940, 34.5230, 7.6030

Conversions

Conversions Part 2

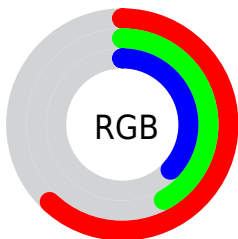
Format	Color
RYB	158, 108, 95
Decimal	10381919
CIELab	49.98, 19.40, 14.64
CIELCh	50, 24.300, 37.046
Yxy	18.4034, 0.4024, 0.3474
Android (android.graphics.Color)	4288571999 (0xFF9E6A5F)
YUV	120.2940, -12.4699, 33.0682
Hunter-Lab	42.8992, 13.6378, 11.7100

Details

The Hex color **9E6A5F** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **5F939E**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **D69E91**, and **683A31** is the 20% darker color. If you saturate the color by 10%, you get **9E5D4F**, and if you desaturate by 10%, it is **9E776F**.

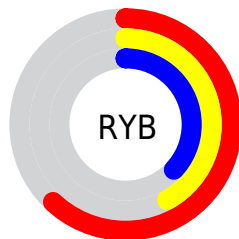
Distribution



Red (62%)

Green (42%)

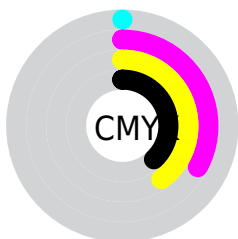
Blue (37%)



Red (62%)

Yellow (42%)

Blue (37%)

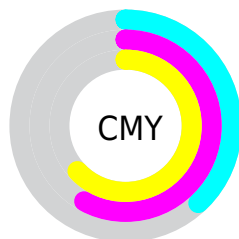


Cyan (0%)

Magenta (33%)

Yellow (40%)

Black (38%)



Cyan (38%)

Magenta (58%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9E6A5F 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 9E6A5F by changing the saturation by 10% instead.



9E6A5F



9E6A5F

FFFFFF



835247



D69E91



683A31



F3B9AC



4F241C



FFD4C7



370E02



FFF1E3



210001



000000



9E6A5F



9E6A5F



9E5D4F



9E776F



9E503F



9E847F

 9E4330

 9E918E

 9E3620

 9E9E9E

 9E2910

 9EABAE

 9E1C00

 9EB8BE

 9EC5CE

 9ED2DD

 9EDFED

Harmonies

Analogous

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



9F6773



9E6A5F



937051

Triad

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



9E6A5F



528166



6377A0

Complementary

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



9E6A5F



5F939E

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.



447D9C



9E6A5F



3B827B

Square

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



9E6A5F



6A7D55



32818F



807098

Rectangle

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



9E6A5F



87754E



32818F



5879A0

Sweetspot

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



9E6A5F



CFBAB6



9E5F93



695C5A



E8E8E8



696969

Same Dimension

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



9E6A5F



CF7D6B



9E895F



4F4947



8F1900



0F0300

Inverse Universe

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



5F939E



6BBDCF



5F749E



474E4F



00768F



000D0F

Previews

White Background



This preview shows how the Hex color 9E6A5F looks on a white background.

Color Contrast Check

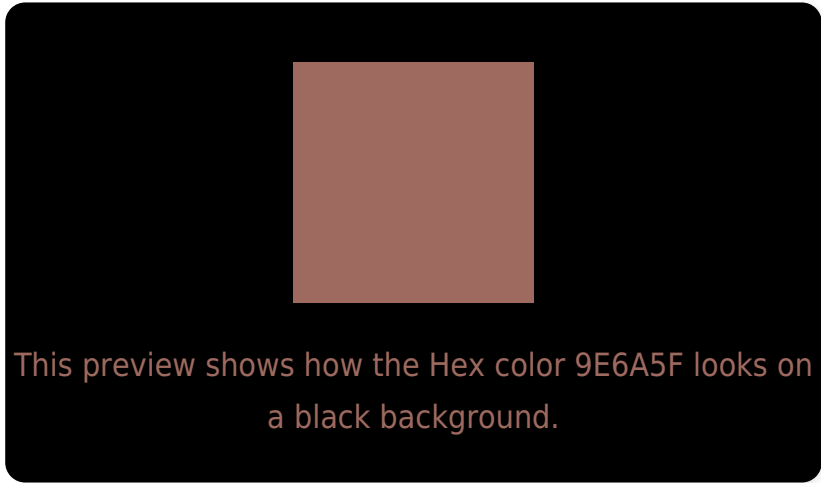
Large Text (above 18pt) WCAG AA ✓ Pass

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 9E6A5F Background



This preview shows how black text looks on a background with the Hex color 9E6A5F.



This preview shows how white text looks on a background with the Hex color 9E6A5F.

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
9E6A5F

Protanopia
7D7765

Deuteranopia
8B725D



Tritanopia
9F686F

Trichromacy



Original Color
9E6A5F

Protanomaly
897263

Deuteranomaly
926F5E

Tritanomaly
9F6969

Monochromacy



Original Color
9E6A5F

Achromatopsia
787878

Achromatomaly
86736F

CSS Examples

Text

The CSS property to change the color of the text to Hex 9E6A5F 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 #9E6A5F looks like.

```
.text, #text, p{  
    color:#9E6A5F  
}
```

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 #9E6A5F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E6A5F
}
```

Border

The CSS property to change the border of an element to Hex 9E6A5F 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
#9E6A5F }
```

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

```
.border{ border-color:#9E6A5F }
```

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

Here you see how a box with a 4 pixel #9E6A5F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E6A5F; -webkit-box-shadow:4px 4px  
4px 4px #9E6A5F; box-shadow:4px 4px 4px  
4px #9E6A5F }
```

Background

The CSS property to change the background color of an element to Hex 9E6A5F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E6A5F }
```

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

```
.background{ background-color:#9E6A5F }
```

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