

Converting Colors

Hex(9E6F55)

Have a look what the booklet for
Hex(9E6F55) contains.

Hex(9E6F55)	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(9E6F55)

Conversions

Conversions Part 1

Format	Color
Hex	9E6F55
RGB	158, 111, 85
RGB Percent	62%, 44%, 33%
CMY	0.3804, 0.5647, 0.6667
CMYK	0.00, 0.30, 0.46, 0.38
HSL	21°, 30%, 48%
HSV	21°, 46%, 62%
XYZ	21.4247, 19.2939, 11.1892
YIQ	122.0890, 36.3580, 1.8780

Conversions

Conversions Part 2

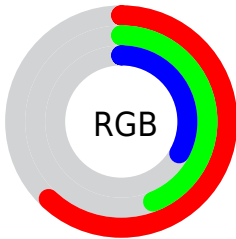
Format	Color
R_{YB}	158, 125, 85
Decimal	10383189
CIE _{Lab}	51.03, 15.38, 21.89
CIE _{LCh}	51, 26.749, 54.913
Yxy	19.2939, 0.4127, 0.3717
Android (android.graphics.Color)	4288573269 (0xFF9E6F55)
YUV	122.0890, -18.2849, 31.4939
Hunter-Lab	43.9248, 10.1965, 15.6441

Details

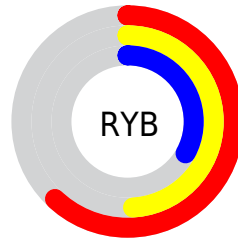
The Hex color **9E6F55** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **55849E**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **D6A387**, and **683F27** is the 20% darker color. If you saturate the color by 10%, you get **9E6545**, and if you desaturate by 10%, it is **9E7965**.

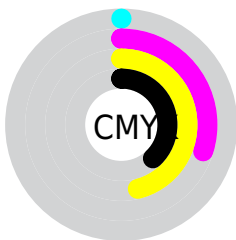
Distribution



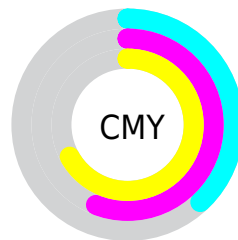
- Red (62%)
- Green (44%)
- Blue (33%)



- Red (62%)
- Yellow (49%)
- Blue (33%)



- Cyan (0%)
- Magenta (30%)
- Yellow (46%)
- Black (38%)



- Cyan (38%)
- Magenta (56%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9E6F55 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 9E6F55 by changing the saturation by 10% instead.



9E6F55



9E6F55

FFFFFF



83563E



D6A387



683F27



F4BEA1



4E2912



FFDABC



361400



FFF6D8



1F0000



FFFFFF5



000000



9E6F55



9E6F55



9E6545



9E7965



9E5B35



9E8375

 9E5026

 9E8E84

 9E4616

 9E9894

 9E3C06

 9EA2A4

 9E3800

 9EACB4

 9EB6C4

 9EC0D3

 9ECBE3

Harmonies

Analogous

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



A66967



9E6F55



8D774C

Triad

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



9E6F55



3F8675



7775A3

Complementary

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



9E6F55



55849E

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.



547DA7



9E6F55



29868C

Square

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



9E6F55



5B835F



32839E



936D94

Rectangle

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



9E6F55



7E7C4D



32839E



6C78A5

Sweetspot

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



9E6F55



CFBCB2



9E5584



695D57



E8E8E8



696969

Same Dimension

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



9E6F55



CF855D



9E9355



4F4A47



8F3300



0F0500

Inverse Universe

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



55849E



5DA6CF



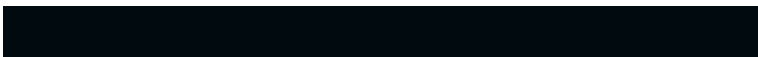
55609E



474C4F



005C8F



000A0F

Previews

White Background



This preview shows how the Hex color 9E6F55 looks on a white background.

Color Contrast Check

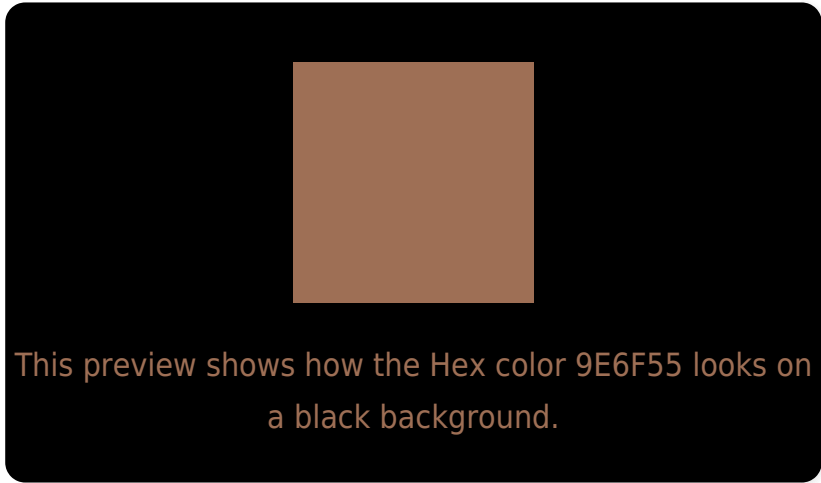
Large Text (above 18pt) WCAG AA ✓ Pass

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

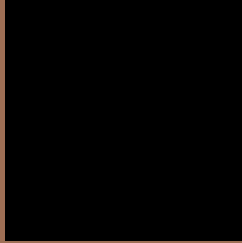
Any Text WCAG AA ✓ Pass

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 9E6F55 Background



This preview shows how black text looks on a background with the Hex color 9E6F55.



This preview shows how white text looks on a background with the Hex color 9E6F55.

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
9E6F55

Protanopia
837A5A

Deuteranopia
927554

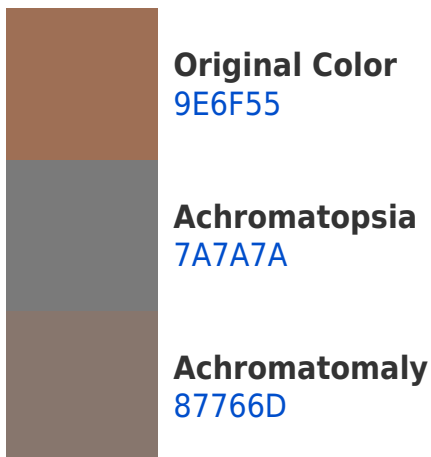


Tritanopia
A16B73

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9E6F55 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 #9E6F55 looks like.

```
.text, #text, p{  
    color:#9E6F55  
}
```

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 #9E6F55 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E6F55  
}
```

Border

The CSS property to change the border of an element to Hex 9E6F55 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".

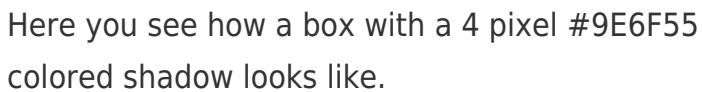
```
.border, #border, table{ border:4px solid  
#9E6F55 }
```

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

```
.border{ border-color:#9E6F55 }
```

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

Here you see how a box with a 4 pixel #9E6F55 colored shadow looks like.

A rectangular box with a brown border and a brown shadow. The box is white with a thin brown border on the top and left sides, and a thicker brown shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E6F55; -webkit-box-shadow:4px 4px  
4px 4px #9E6F55; box-shadow:4px 4px 4px  
4px #9E6F55 }
```

Background

The CSS property to change the background color of an element to Hex 9E6F55 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E6F55 }
```

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

```
.background{ background-color:#9E6F55 }
```

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