

Converting Colors

Hex(9F6946)

Have a look what the booklet for
Hex(9F6946) contains.

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Color

Hex(9F6946)

Conversions

Conversions Part 1

Format	Color
Hex	9F6946
RGB	159, 105, 70
RGB Percent	62%, 41%, 27%
CMY	0.3765, 0.5882, 0.7255
CMYK	0.00, 0.34, 0.56, 0.38
HSL	24°, 39%, 45%
HSV	24°, 56%, 62%
XYZ	20.4551, 17.9163, 8.1744
YIQ	117.1560, 43.4190, 0.5630

Conversions

Conversions Part 2

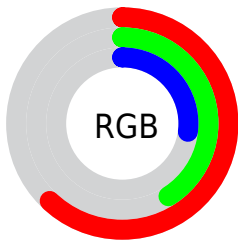
Format	Color
RYB	159, 128, 70
Decimal	10447174
CIELab	49.39, 17.76, 28.38
CIELCh	49, 33.478, 57.957
Yxy	17.9163, 0.4395, 0.3849
Android (android.graphics.Color)	4288637254 (0xFF9F6946)
YUV	117.1560, -23.2479, 36.6972
Hunter-Lab	42.3276, 12.1881, 18.1791

Details

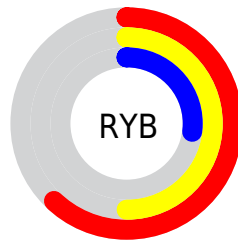
The Hex color **9F6946** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **467C9F**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **D89C77**, and **683919** is the 20% darker color. If you saturate the color by 10%, you get **9F5F36**, and if you desaturate by 10%, it is **9F7356**.

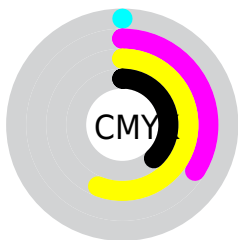
Distribution



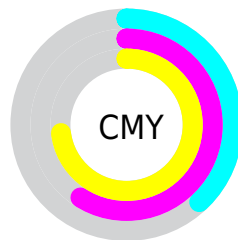
- Red (62%)
- Green (41%)
- Blue (27%)



- Red (62%)
- Yellow (50%)
- Blue (27%)



- Cyan (0%)
- Magenta (34%)
- Yellow (56%)
- Black (38%)



- Cyan (38%)
- Magenta (59%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9F6946 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 9F6946 by changing the saturation by 10% instead.

 9F6946

 9F6946

FFFFFF

 83512F

 D89C77

 683919

 F6B791

 4E2300

 FFD3AC

 340E00

 FFF0C7

 1D0001

 FFFF E3

 000000

 9F6946

 9F6946

 9F5F36

 9F7356

 9F5626

 9F7C66

 9F4C16

 9F8676

 9F4206

 9F9086

 9F3F00

 9F9996

 9FA3A5

 9FADB5

 9FB6C5

 9FC0D5

Harmonies

Analogous

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



AB615C



9F6946



89733C

Triad

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



9F6946



168472



756FA8

Complementary

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



9F6946



467C9F

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.



4479AE



9F6946



00848F

Square

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



9F6946



4A8156



0080A5



976494

Rectangle

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



9F6946



76793E



0080A5



6672AB

Sweetspot

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



9F6946



CFB9AB



9F467D



695C54



E8E8E8



696969

Same Dimension

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



9F6946



CF7B44



9F9546



4F4A47



8F3800



0F0600

Inverse Universe

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



467C9F



4498CF



46509F



474C4F



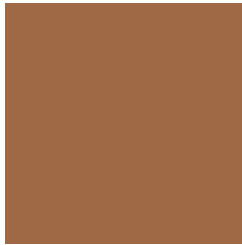
00578F



00090F

Previews

White Background



This preview shows how the Hex color 9F6946 looks on a white background.

Color Contrast Check

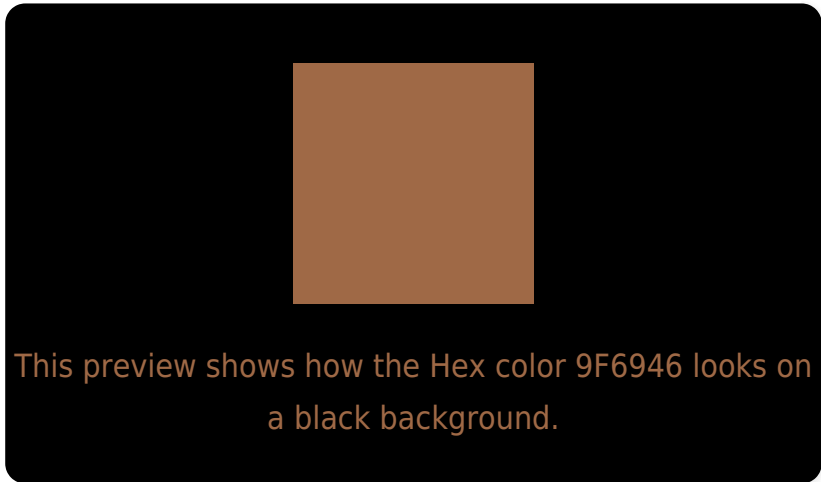
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

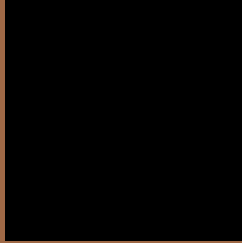
Any Text WCAG AA ✓ Pass

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 9F6946 Background



This preview shows how black text looks on a background with the Hex color 9F6946.



This preview shows how white text looks on a background with the Hex color 9F6946.

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
9F6946

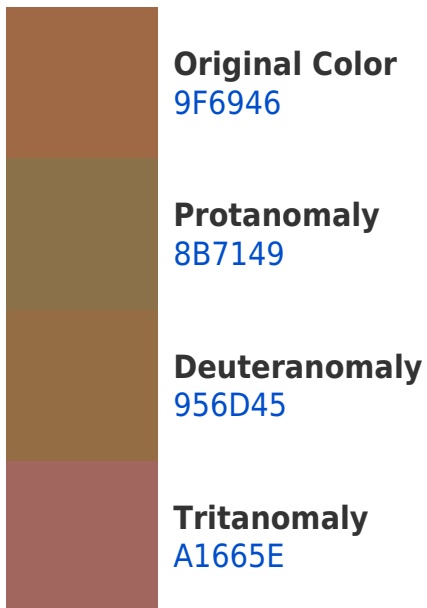
Protanopia
80764B

Deuteranopia
8F7044

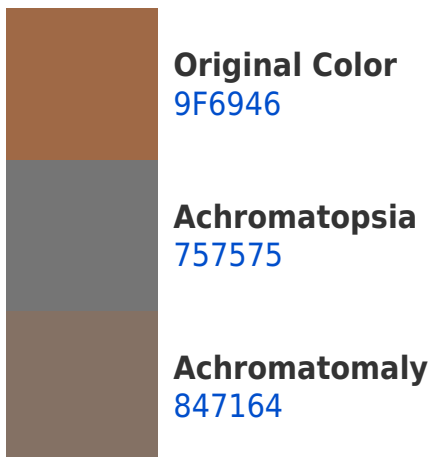


Tritanopia
A2646C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9F6946 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 #9F6946 looks like.

```
.text, #text, p{  
    color:#9F6946  
}
```

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 #9F6946 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9F6946
}
```

Border

The CSS property to change the border of an element to Hex 9F6946 is called "border". The border property can be set on classes, ids or directly on the HTML element.

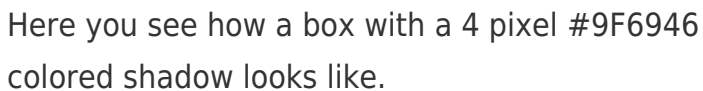
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9F6946 }
```

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

```
.border{ border-color:#9F6946 }
```

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



Here you see how a box with a 4 pixel #9F6946 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9F6946; -webkit-box-shadow:4px 4px  
4px 4px #9F6946; box-shadow:4px 4px 4px  
4px #9F6946 }
```

Background

The CSS property to change the background color of an element to Hex 9F6946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9F6946 }
```

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

```
.background{ background-color:#9F6946 }
```

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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