

# Converting Colors

Hex(9F5746)

Have a look what the booklet for  
Hex(9F5746) contains.

<b>Hex(9F5746)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(9F5746)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9F5746
RGB	159, 87, 70
RGB Percent	62%, 34%, 27%
CMY	0.3765, 0.6588, 0.7255
CMYK	0.00, 0.45, 0.56, 0.38
HSL	11°, 39%, 45%
HSV	11°, 56%, 62%
XYZ	18.8118, 14.6295, 7.6266
YIQ	106.5900, 48.3690, 9.9770

# Conversions

## Conversions Part 2

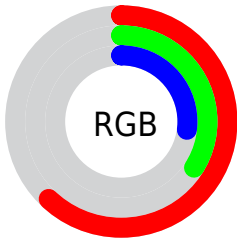
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	159, 91, 70
Decimal	10442566
CIE <sub>Lab</sub>	45.12, 27.93, 22.94
CIE <sub>LCh</sub>	45, 36.140, 39.403
Yxy	14.6295, 0.4581, 0.3562
Android (android.graphics.Color)	4288632646 (0xFF9F5746)
YUV	106.5900, -18.0389, 45.9636
Hunter-Lab	38.2485, 20.8566, 14.9517

# Details

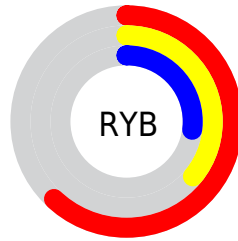
The Hex color **9F5746** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **468E9F**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **D98A77**, and **67271A** is the 20% darker color. If you saturate the color by 10%, you get **9F4A36**, and if you desaturate by 10%, it is **9F6456**.

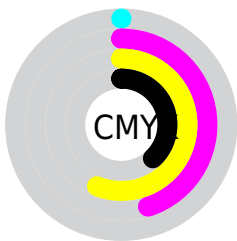
# Distribution



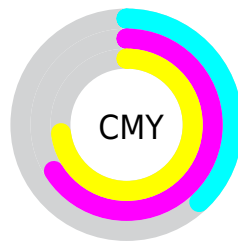
- Red (62%)
- Green (34%)
- Blue (27%)



- Red (62%)
- Yellow (36%)
- Blue (27%)



- Cyan (0%)
- Magenta (45%)
- Yellow (56%)
- Black (38%)



- Cyan (38%)
- Magenta (66%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9F5746 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 9F5746 by changing the saturation by 10% instead.



 9F5746

 9F5746

FFFFFF

 833F2F

 D98A77

 67271A

 F6A590

 4D0F01

 FFC0AB

 330000

 FFDCC6

 110000

 FFF9E2

 000000

 9F5746

 9F5746

 9F4A36

 9F6456

 9F3D26

 9F7166

■ 9F3016

■ 9F7E76

■ 9F2406

■ 9F8A86

■ 9F1E00

■ 9F9796

■ 9FA4A5

■ 9FB1B5

■ 9FBEC5

■ 9FCBD5

# Harmonies

## Analogous

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



A35162



9F5746



8E6232

# Triad

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



9F5746



267955



496BA6

# Complementary

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



9F5746



468E9F

# 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.



0074A3



9F5746



007A74

# Square

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



9F5746



53743A



007990



7A5F9A

# Rectangle

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



9F5746



7D692C



007990



326EA7



# Sweetspot

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



9F5746



CFB2AB



9F468F



695854



E8E8E8



696969



# Same Dimension

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



9F5746



CF5F44



9F8346



4F4947



8F1B00



0F0300



# Inverse Universe

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



468E9F



44B4CF



46629F



474E4F



00748F



000C0F



# Previews

## White Background



This preview shows how the Hex color 9F5746 looks on a white background.

## Color Contrast Check

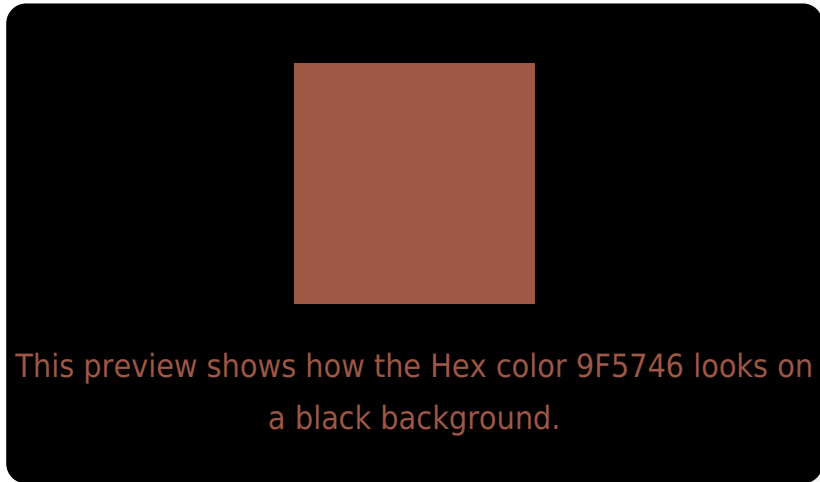
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9F5746 Background



This preview shows how black text looks on a background with the Hex color 9F5746.




This preview shows how white text looks on a background with the Hex color 9F5746.

# 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





**Tritanopia**  
A0545A

# Trichromacy



**Original Color**  
9F5746

**Protanomaly**  
83644B

**Deuteranomaly**  
8D6144

**Tritanomaly**  
A05553

# Monochromacy



**Original Color**  
9F5746

**Achromatopsia**  
6B6B6B

**Achromatomaly**  
7E645E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9F5746 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 #9F5746 looks like.

```
.text, #text, p{  
    color:#9F5746  
}
```

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 #9F5746 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9F5746
}
```

## Border

The CSS property to change the border of an element to Hex 9F5746 is called "border". The border property can be set on classes, ids or directly on the HTML element.

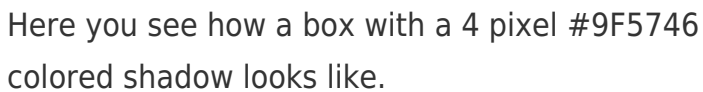
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9F5746 }
```

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

```
.border{ border-color:#9F5746 }
```

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



Here you see how a box with a 4 pixel #9F5746 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9F5746; -webkit-box-shadow:4px 4px  
4px 4px #9F5746; box-shadow:4px 4px 4px  
4px #9F5746 }
```

# Background

The CSS property to change the background color of an element to Hex 9F5746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9F5746 }
```

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

```
.background{ background-color:#9F5746 }
```

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