

# Converting Colors

Hex(9F6935)

Have a look what the booklet for  
Hex(9F6935) contains.

<b>Hex(9F6935)</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(9F6935)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9F6935
RGB	159, 105, 53
RGB Percent	62%, 41%, 21%
CMY	0.3765, 0.5882, 0.7922
CMYK	0.00, 0.34, 0.67, 0.38
HSL	29°, 50%, 42%
HSV	29°, 67%, 62%
XYZ	19.9923, 17.7311, 5.7369
YIQ	115.2180, 48.8760, -4.7240

# Conversions

## Conversions Part 2

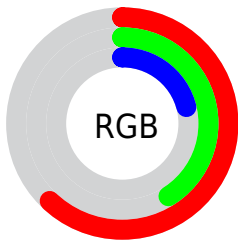
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	159, 155, 53
Decimal	10447157
CIE <sub>Lab</sub>	49.17, 16.46, 37.38
CIE <sub>LCh</sub>	49, 40.844, 66.236
Yxy	17.7311, 0.4600, 0.4080
Android (android.graphics.Color)	4288637237 (0xFF9F6935)
YUV	115.2180, -30.6735, 38.3968
Hunter-Lab	42.1083, 11.0589, 21.3981

# Details

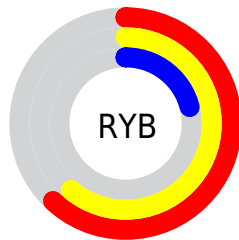
The Hex color **9F6935** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **356B9F**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **D99C66**, and **673A05** is the 20% darker color. If you saturate the color by 10%, you get **9F6125**, and if you desaturate by 10%, it is **9F7145**.

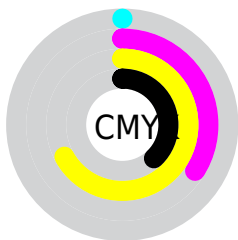
# Distribution



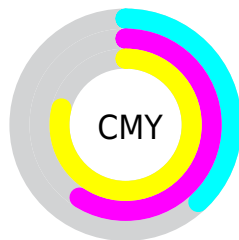
- Red (62%)
- Green (41%)
- Blue (21%)



- Red (62%)
- Yellow (61%)
- Blue (21%)



- Cyan (0%)
- Magenta (34%)
- Yellow (67%)
- Black (38%)



- Cyan (38%)
- Magenta (59%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9F6935 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 9F6935 by changing the saturation by 10% instead.



 9F6935

 9F6935

FFFFFF

 83511E

 D99C66

 673A05

 F7B77F

 4D2400

 FFD39A

 320F00

 FFEFB5

 1A0001

 FFFFD0

 000000

 FFFFED

 9F6935

 9F6935

 9F6125

 9F7145

 9F5915

 9F7955

 9F5105

 9F8165

 9F4E00

 9F8975

 9F9285

 9F9A94

 9FA2A4

 9FAAB4

 9FB2C4

# Harmonies

## Analogous

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



B25D4E



9F6935



82752D

# Triad

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



9F6935



00867B



8169AD

# Complementary

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



9F6935



356B9F

# 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.



4476BA



9F6935



00859D

# Square

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



9F6935



2A8458



0080B4



A55C91

# Rectangle

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



9F6935



6A7C34



0080B4



706EB3



# Sweetspot

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



9F6935



CFBAA5



9F356C



695C4F



E8E8E8



696969



# Same Dimension

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



9F6935



CF7A29



9F9D35



4F4B47



8F4600



0F0800



# Inverse Universe

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



356B9F



297DCF



35379F



474B4F



00498F



00080F



# Previews

## White Background



This preview shows how the Hex color 9F6935 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

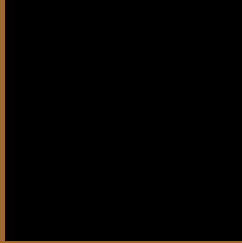
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9F6935 Background



This preview shows how black text looks on a background with the Hex color 9F6935.



This preview shows how white text looks on a background with the Hex color 9F6935.

# 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**  
9F6935

**Protanopia**  
827539

**Deuteranopia**  
917033



**Tritanopia**  
A3636A

# Trichromacy



**Original Color**  
9F6935

**Protanomaly**  
8D7138

**Deuteranomaly**  
966D34

**Tritanomaly**  
A26557

# Monochromacy



**Original Color**  
9F6935

**Achromatopsia**  
737373

**Achromatomaly**  
836F5C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9F6935 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 #9F6935 looks like.

```
.text, #text, p{  
    color:#9F6935  
}
```

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 #9F6935 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9F6935
}
```

## Border

The CSS property to change the border of an element to Hex 9F6935 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
#9F6935 }
```

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

```
.border{ border-color:#9F6935 }
```

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

Here you see how a box with a 4 pixel #9F6935 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9F6935; -webkit-box-shadow:4px 4px  
4px 4px #9F6935; box-shadow:4px 4px 4px  
4px #9F6935 }
```

# Background

The CSS property to change the background color of an element to Hex 9F6935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9F6935 }
```

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

```
.background{ background-color:#9F6935 }
```

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