

# Converting Colors

Hex(9F7C42)

Have a look what the booklet for  
Hex(9F7C42) contains.

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**Color**

**Hex(9F7C42)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9F7C42
RGB	159, 124, 66
RGB Percent	62%, 49%, 26%
CMY	0.3765, 0.5137, 0.7412
CMYK	0.00, 0.22, 0.58, 0.38
HSL	37°, 41%, 44%
HSV	37°, 58%, 62%
XYZ	22.4891, 22.1796, 8.2500
YIQ	127.8530, 39.4780, -10.6180

# Conversions

## Conversions Part 2

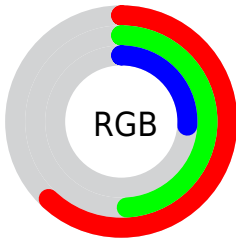
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">122, 159, 66</a>
Decimal	<a href="#">10452034</a>
CIELab	<a href="#">54.22, 6.59, 36.43</a>
CIELCh	<a href="#">54, 37.025, 79.741</a>
Yxy	<a href="#">22.1796, 0.4250, 0.4191</a>
Android (android.graphics.Color)	<a href="#">4288642114</a> ( <a href="#">0xFF9F7C42</a> )
YUV	<a href="#">127.8530, -30.4935, 27.3159</a>
Hunter-Lab	<a href="#">47.0952, 2.8215, 22.5803</a>

# Details

The Hex color **9F7C42** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **42659F**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **D8B074**, and **694B13** is the 20% darker color. If you saturate the color by 10%, you get **9F7632**, and if you desaturate by 10%, it is **9F8252**.

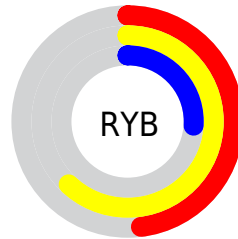
# Distribution



Red (62%)

Green (49%)

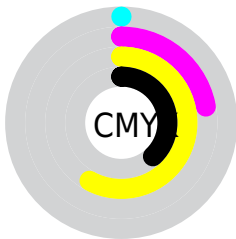
Blue (26%)



Red (48%)

Yellow (62%)

Blue (26%)

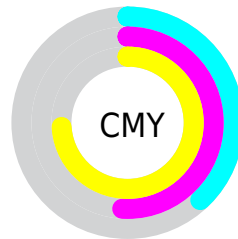


Cyan (0%)

Magenta (22%)

Yellow (58%)

Black (38%)



Cyan (38%)

Magenta (51%)

Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9F7C42 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 9F7C42 by changing the saturation by 10% instead.



 9F7C42

 9F7C42

FFFFFF

 83632A

 D8B074

 694B13

 F5CC8E

 4F3500

 FFE8A8

 352000

 FFFFC4

 1D0A00

 FFFFEO

 000000

FFFFFFD

 9F7C42

 9F7C42

 9F7632

 9F8252

 9F7022

 9F8862

 9F6A12

 9F8E72

 9F6402

 9F9482

 9F6300

 9F9A92

 9FA0A1

 9FA6B1

 9FACC1

 9FB2D1

# Harmonies

## Analogous

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



B57152



9F7C42



808644

# Triad

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



9F7C42



009296



9F71AB

# Complementary

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



9F7C42



42659F

# 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.



747DBE



9F7C42



008FB2

# Square

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



9F7C42



299275



3388C0



B8698E

# Rectangle

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



9F7C42



698C4F



3388C0



9275B3



# Sweetspot

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



9F7C42



CFC1A9



9F4266



696052



E8E8E8



696969



# Same Dimension

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



9F7C42



CF983E



949F42



4F4C47



8F5900



0F0A00



# Inverse Universe

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



42659F



3E74CF



4D429F



474A4F



00368F



00060F



# Previews

## White Background



This preview shows how the Hex color 9F7C42 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

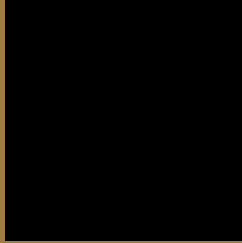
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9F7C42 Background



This preview shows how black text looks on a background with the Hex color 9F7C42.



This preview shows how white text looks on a background with the Hex color 9F7C42.

# 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**  
9F7C42

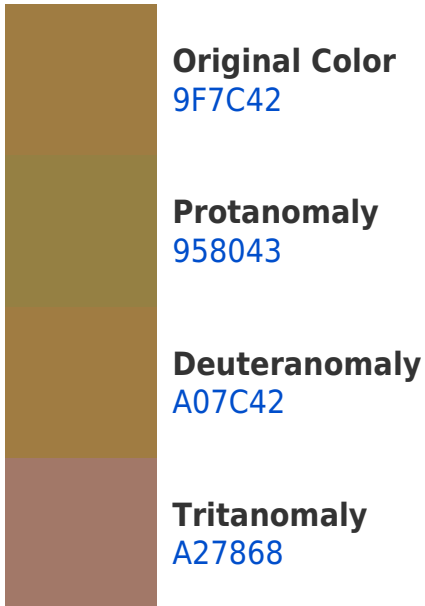
**Protanopia**  
8F8244

**Deuteranopia**  
A07C42

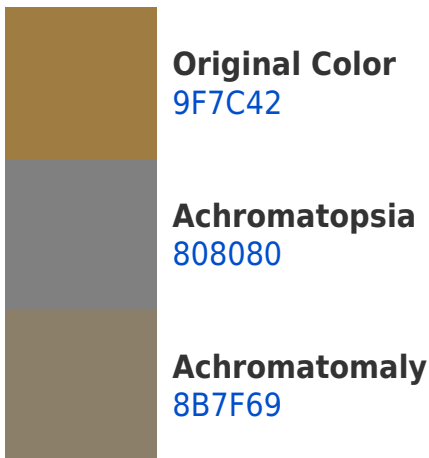


**Tritanopia**  
A4757E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9F7C42 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 #9F7C42 looks like.

```
.text, #text, p{  
    color:#9F7C42  
}
```

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 #9F7C42 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9F7C42
}
```

## Border

The CSS property to change the border of an element to Hex 9F7C42 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
#9F7C42 }
```

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

```
.border{ border-color:#9F7C42 }
```

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

Here you see how a box with a 4 pixel #9F7C42 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9F7C42; -webkit-box-shadow:4px 4px  
4px 4px #9F7C42; box-shadow:4px 4px 4px  
4px #9F7C42 }
```

# Background

The CSS property to change the background color of an element to Hex 9F7C42 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9F7C42 }
```

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

```
.background{ background-color:#9F7C42 }
```

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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