

# Converting Colors

Hex(9D7741)

Have a look what the booklet for  
Hex(9D7741) contains.

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**Color**

**Hex(9D7741)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9D7741
RGB	157, 119, 65
RGB Percent	62%, 47%, 25%
CMY	0.3843, 0.5333, 0.7451
CMYK	0.00, 0.24, 0.59, 0.38
HSL	35°, 41%, 44%
HSV	35°, 59%, 62%
XYZ	21.4556, 20.7434, 7.8741
YIQ	124.2060, 39.9820, -8.7380

# Conversions

## Conversions Part 2

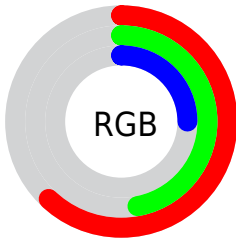
<b>Format</b>	<b>Color</b>
<b>RYB</b>	130, 157, 65
Decimal	10319681
CIELab	52.67, 8.46, 35.07
CIElCh	53, 36.073, 76.435
Yxy	20.7434, 0.4285, 0.4143
Android (android.graphics.Color)	4288509761 (0xFF9D7741)
YUV	124.2060, -29.1886, 28.7603
Hunter-Lab	45.5449, 4.3853, 21.6310

# Details

The Hex color **9D7741** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **41679D**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **D6AB72**, and **674712** is the 20% darker color. If you saturate the color by 10%, you get **9D7131**, and if you desaturate by 10%, it is **9D7D51**.

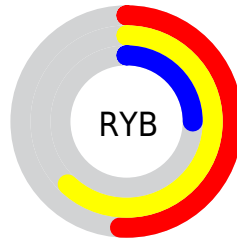
# Distribution



Red (62%)

Green (47%)

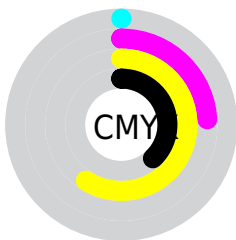
Blue (25%)



Red (51%)

Yellow (62%)

Blue (25%)

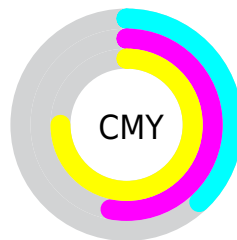


Cyan (0%)

Magenta (24%)

Yellow (59%)

Black (38%)



Cyan (38%)

Magenta (53%)

Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9D7741 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 9D7741 by changing the saturation by 10% instead.



 9D7741

 9D7741

FFFFFF

 815E2A

 D6AB72

 674712

 F3C68C

 4D3000

 FFE2A7

 331C00

 FFFFC2

 1B0300

 FFFFDF

 000000

 FFFFFB

 9D7741

 9D7741

 9D7131

 9D7D51

 9D6A22

 9D8460

 9D6412

 9D8A70

 9D5D02

 9D9180

 9D5C00

 9D9790

 9D9E9F

 9DA4AF

 9DABBF

 9DB1CE

# Harmonies

## Analogous

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



B16C52



9D7741



808141

# Triad

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



9D7741



008E8E



966FA9

# Complementary

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



9D7741



41679D

# 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.



6A7BB9



9D7741



008BAA

# Square

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



9D7741



2F8D6E



2885B9



B0668D

# Rectangle

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



9D7741



69874A



2885B9



8973B0



# Sweetspot

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



9D7741



CCBDA7



9D4167



665D50



E6E6E6



666666



# Same Dimension

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



9D7741



CC913D



959D41



4F4C47



8F5400



0F0900



# Inverse Universe

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



41679D



3D78CC



49419D



474A4F



003B8F



00060F



# Previews

## White Background



This preview shows how the Hex color 9D7741 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

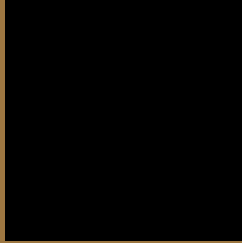
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9D7741 Background



This preview shows how black text looks on a background with the Hex color 9D7741.



This preview shows how white text looks on a background with the Hex color 9D7741.

# 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**  
9D7741

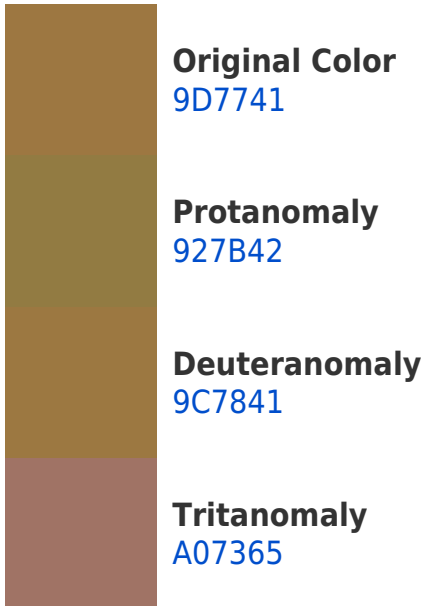
**Protanopia**  
8B7E43

**Deuteranopia**  
9B7841

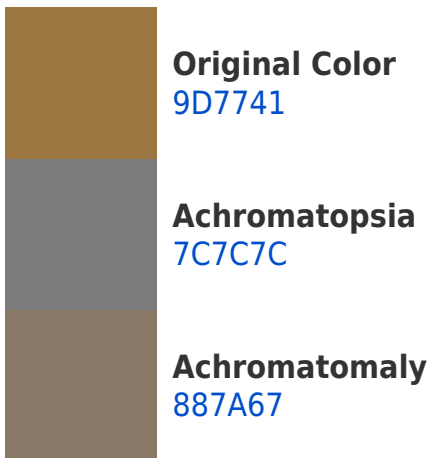


**Tritanopia**  
A17179

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9D7741 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 #9D7741 looks like.

```
.text, #text, p{  
    color:#9D7741  
}
```

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 #9D7741 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D7741
}
```

## Border

The CSS property to change the border of an element to Hex 9D7741 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
#9D7741 }
```

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

```
.border{ border-color:#9D7741 }
```

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

Here you see how a box with a 4 pixel #9D7741 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D7741; -webkit-box-shadow:4px 4px  
4px 4px #9D7741; box-shadow:4px 4px 4px  
4px #9D7741 }
```

# Background

The CSS property to change the background color of an element to Hex 9D7741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D7741 }
```

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

```
.background{ background-color:#9D7741 }
```

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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