

# Converting Colors

Hex(9D7662)

Have a look what the booklet for  
Hex(9D7662) contains.

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**Color**

**Hex(9D7662)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9D7662
RGB	157, 118, 98
RGB Percent	62%, 46%, 38%
CMY	0.3843, 0.5373, 0.6157
CMYK	0.00, 0.25, 0.38, 0.38
HSL	20°, 23%, 50%
HSV	20°, 38%, 62%
XYZ	22.5877, 21.0068, 14.4195
YIQ	127.3810, 29.6640, 2.0480

# Conversions

## Conversions Part 2

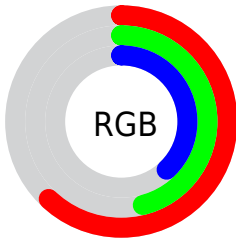
<b>Format</b>	<b>Color</b>
<b>RYB</b>	157, 128, 98
Decimal	10319458
CIELab	52.96, 12.48, 16.95
CIElCh	53, 21.045, 53.641
Yxy	21.0068, 0.3893, 0.3621
Android (android.graphics.Color)	4288509538 (0xFF9D7662)
YUV	127.3810, -14.4848, 25.9759
Hunter-Lab	45.8332, 7.7609, 13.4301

# Details

The Hex color **9D7662** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **62899D**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **D5AA95**, and **684633** is the 20% darker color. If you saturate the color by 10%, you get **9D6C52**, and if you desaturate by 10%, it is **9D8072**.

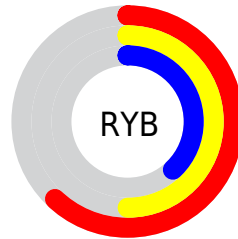
# Distribution



Red (62%)

Green (46%)

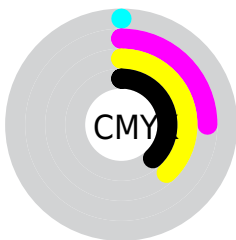
Blue (38%)



Red (62%)

Yellow (50%)

Blue (38%)

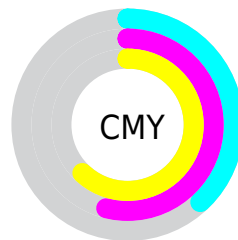


Cyan (0%)

Magenta (25%)

Yellow (38%)

Black (38%)



Cyan (38%)

Magenta (54%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9D7662 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 9D7662 by changing the saturation by 10% instead.



 9D7662

 9D7662

FFFFFF

 825D4A

 D5AA95

 684633

 F2C6AF

 4F2F1E

 FFE2CB

 371A06

 FFFEE7

 210100

 000000

 9D7662

 9D7662

 9D6C52

 9D8072

 9D6143

 9D8B81

 9D5733

 9D9591

 9D4C23

 9DA0A1

 9D4214

 9DAAB1

 9D3804

 9DB4C0

 9D3500

 9DBFD0

 9DC9E0

 9DD3EF

# Harmonies

## Analogous

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



A37271



9D7662



8F7C5B

# Triad

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



9D7662



54887A



7C7B9F

# Complementary

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



9D7662



62899D

# 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.



6381A2



9D7662



49888C

# Square

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



9D7662



688668



4E869B



927594

# Rectangle

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



9D7662



83805B



4E869B



747DA1



# Sweetspot

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



9D7662



CCBDB6



9D6289



665D59



E6E6E6



666666



# Same Dimension

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



9D7662



CC8F70



9D9362



4F4A47



8F3000



0F0500



# Inverse Universe

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



62899D



70ADCC



626C9D



474C4F



005E8F



000A0F



# Previews

## White Background



This preview shows how the Hex color 9D7662 looks on a white background.

## Color Contrast Check

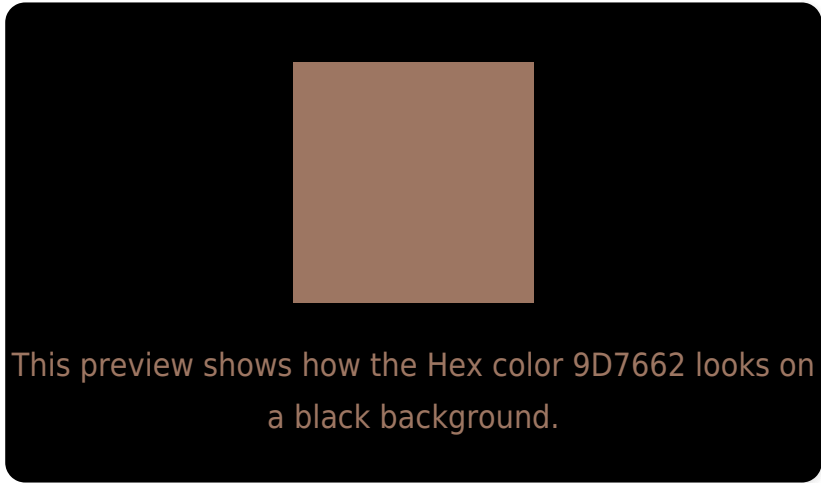
Large Text (above 18pt) WCAG AA ✓ Pass

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

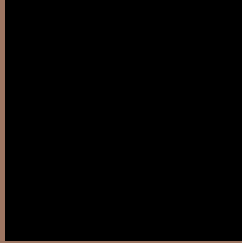
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9D7662 Background



This preview shows how black text looks on a background with the Hex color 9D7662.



This preview shows how white text looks on a background with the Hex color 9D7662.

# 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**  
9D7662

**Protanopia**  
867E66

**Deuteranopia**  
957A61



**Tritanopia**  
9F727B

# Trichromacy



**Original Color**  
9D7662

**Protanomaly**  
8E7B65

**Deuteranomaly**  
987961

**Tritanomaly**  
9E7372

# Monochromacy



**Original Color**  
9D7662

**Achromatopsia**  
7F7F7F

**Achromatomaly**  
8A7C74

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9D7662 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 #9D7662 looks like.

```
.text, #text, p{  
    color:#9D7662  
}
```

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 #9D7662 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D7662
}
```

## Border

The CSS property to change the border of an element to Hex 9D7662 is called "border". The border property can be set on classes, ids or directly on the HTML element.

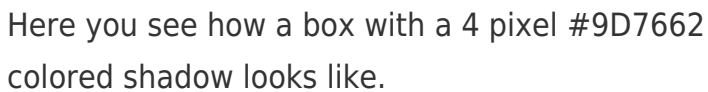
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9D7662 }
```

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

```
.border{ border-color:#9D7662 }
```

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



Here you see how a box with a 4 pixel #9D7662 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D7662; -webkit-box-shadow:4px 4px  
4px 4px #9D7662; box-shadow:4px 4px 4px  
4px #9D7662 }
```

# Background

The CSS property to change the background color of an element to Hex 9D7662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D7662 }
```

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

```
.background{ background-color:#9D7662 }
```

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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