

# Converting Colors

Hex(9D9A77)

Have a look what the booklet for  
Hex(9D9A77) contains.

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# **Color**

**Hex(9D9A77)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9D9A77
RGB	157, 154, 119
RGB Percent	62%, 60%, 47%
CMY	0.3843, 0.3961, 0.5333
CMYK	0.00, 0.02, 0.24, 0.38
HSL	55°, 16%, 54%
HSV	55°, 24%, 62%
XYZ	28.7900, 31.6112, 22.0369
YIQ	150.9070, 13.0230, -10.2490

# Conversions

## Conversions Part 2

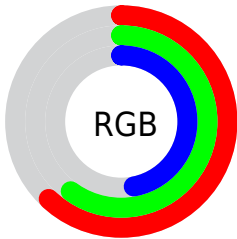
Format	Color
<a href="#">RYB</a>	<a href="#">122, 157, 119</a>
Decimal	<a href="#">10328695</a>
<a href="#">CIELab</a>	<a href="#">63.02, -4.81, 18.82</a>
<a href="#">CIElCh</a>	<a href="#">63, 19.422, 104.344</a>
<a href="#">Yxy</a>	<a href="#">31.6112, 0.3492, 0.3835</a>
Android (android.graphics.Color)	<a href="#">4288518775</a> ( <a href="#">0xFF9D9A77</a> )
<a href="#">YUV</a>	<a href="#">150.9070, -15.7302, 5.3436</a>
<a href="#">Hunter-Lab</a>	<a href="#">56.2238, -6.9890, 16.1180</a>

# Details

The Hex color **9D9A77** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **777A9D**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **D4D0AB**, and **696746** is the 20% darker color. If you saturate the color by 10%, you get **9D9967**, and if you desaturate by 10%, it is **9D9B87**.

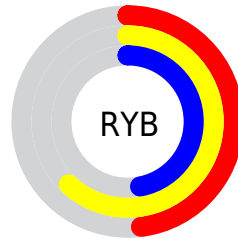
# Distribution



Red (62%)

Green (60%)

Blue (47%)



Red (48%)

Yellow (62%)

Blue (47%)

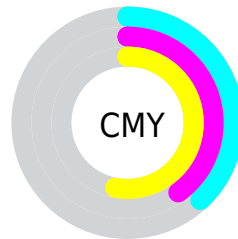


Cyan (0%)

Magenta (2%)

Yellow (24%)

Black (38%)



Cyan (38%)

Magenta (40%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9D9A77 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 9D9A77 by changing the saturation by 10% instead.





9D9A77



9D9A77

FFFFFF



83805E



D4D0AB



696746



F0EDC7



514F30



FFFFE3



39381A



242301



040E00



000000



9D9A77



9D9A77



9D9967



9D9B87

 9D9858

 9D9C96

 9D9648

 9D9EA6

 9D9538

 9D9FB6

 9D9428

 9DA0C6

 9D9319

 9DA1D5

 9D9109

 9DA3E5

 9D9100

 9DA4F5

 9DA5FF

# Harmonies

## Analogous

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



AE9478



9D9A77



899F7F

# Triad

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



9D9A77



6AA1B0



B58DA2

# Complementary

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



9D9A77



777A9D

# 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.



A691B1



9D9A77



799DB9

# Square

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



9D9A77



6AA2A0



8F97BA



BC8C91

# Rectangle

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



9D9A77



7DA189



8F97BA



B18EA8



# Sweetspot

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



9D9A77



CCCBBE



9D777A



66655E



E6E6E6



666666



# Same Dimension

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



9D9A77



CCC791



8D9D77



4F4E47



8F8400



0F0E00



# Inverse Universe

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



777A9D



9196CC



87779D



47484F



000B8F



00010F



# Previews

## White Background



This preview shows how the Hex color 9D9A77 looks on a white background.

## Color Contrast Check

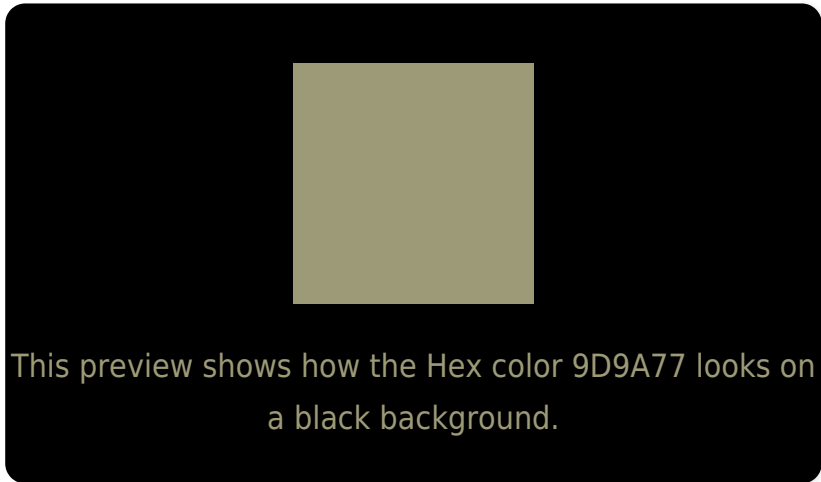
Large Text (above 18pt) WCAG AA × Fail

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

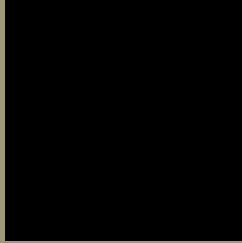
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

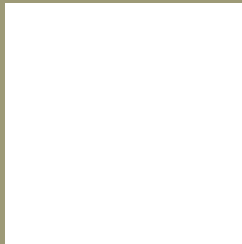
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9D9A77 Background



This preview shows how black text looks on a background with the Hex color 9D9A77.



This preview shows how white text looks on a background with the Hex color 9D9A77.

# 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**  
9D9A77

**Protanopia**  
A39876

**Deuteranopia**  
B29279



**Tritanopia**  
A294A0

# Trichromacy



**Original Color**  
9D9A77

**Protanomaly**  
A19976

**Deuteranomaly**  
AA9578

**Tritanomaly**  
A09691

# Monochromacy



**Original Color**  
9D9A77

**Achromatopsia**  
979797

**Achromatomaly**  
99988B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9D9A77 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 #9D9A77 looks like.

```
.text, #text, p{  
    color:#9D9A77  
}
```

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 #9D9A77 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D9A77
}
```

## Border

The CSS property to change the border of an element to Hex 9D9A77 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
#9D9A77 }
```

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

```
.border{ border-color:#9D9A77 }
```

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

Here you see how a box with a 4 pixel #9D9A77 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D9A77; -webkit-box-shadow:4px 4px  
4px 4px #9D9A77; box-shadow:4px 4px 4px  
4px #9D9A77 }
```

# Background

The CSS property to change the background color of an element to Hex 9D9A77 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D9A77 }
```

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

```
.background{ background-color:#9D9A77 }
```

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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