

# Converting Colors

Hex(9D974D)

Have a look what the booklet for  
Hex(9D974D) contains.

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**Color**

**Hex(9D974D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9D974D
RGB	157, 151, 77
RGB Percent	62%, 59%, 30%
CMY	0.3843, 0.4078, 0.6980
CMYK	0.00, 0.04, 0.51, 0.38
HSL	55°, 34%, 46%
HSV	55°, 51%, 62%
XYZ	26.3108, 29.8371, 11.3936
YIQ	144.3580, 27.3300, -21.7420

# Conversions

## Conversions Part 2

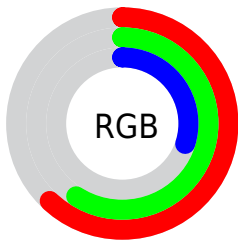
<b>Format</b>	<b>Color</b>
<b>RYB</b>	83, 157, 77
Decimal	10327885
CIELab	61.51, -8.25, 39.40
CIElCh	62, 40.252, 101.822
Yxy	29.8371, 0.3895, 0.4418
Android (android.graphics.Color)	4288517965 (0xFF9D974D)
YUV	144.3580, -33.2075, 11.0870
Hunter-Lab	54.6234, -9.6117, 25.8694

# Details

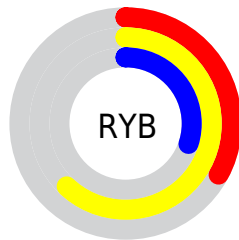
The Hex color **9D974D** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **4D539D**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **D5CD80**, and **68641C** is the 20% darker color. If you saturate the color by 10%, you get **9D963D**, and if you desaturate by 10%, it is **9D985D**.

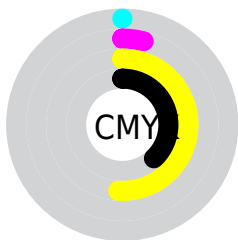
# Distribution



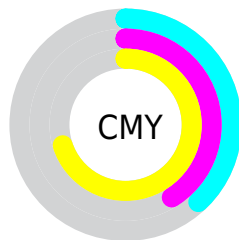
- Red (62%)
- Green (59%)
- Blue (30%)



- Red (33%)
- Yellow (62%)
- Blue (30%)



- Cyan (0%)
- Magenta (4%)
- Yellow (51%)
- Black (38%)



- Cyan (38%)
- Magenta (41%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9D974D 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 9D974D by changing the saturation by 10% instead.



 9D974D

 9D974D

FFFFFF

 827D35

 D5CD80

 68641C

 F2E99A

 4E4D01

 FFFFB6

 363600

 FFFFD2

 1D2100

 FFFFEE

 000A00

 000000

 9D974D

 9D974D

 9D963D

 9D985D

 9D952E

 9D996C

 9D931E

 9D9B7C

 9D920E

 9D9C8C

 9D9100

 9D9D9B

 9D9EAB

 9D9FBB

 9DA0CB

 9DA2DA

# Harmonies

## Analogous

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



BD8B51



9D974D



76A05E

# Triad

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



9D974D



00A5C3



CC7BAC

# Complementary

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



9D974D



4D539D

# 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.



AA86CA



9D974D



229ED8

# Square

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



9D974D



00A7A2



7593DA



D97888

# Rectangle

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



9D974D



57A472



7593DA



C37EB7



# Sweetspot

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



9D974D



CCCAAD



9D4D54



666554



E6E6E6



666666



# Same Dimension

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



9D974D



CCC350



7C9D4D



4F4E47



8F8400



0F0E00



# Inverse Universe

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



4D539D



5059CC



6E4D9D



47484F



000B8F



00010F



# Previews

## White Background



This preview shows how the Hex color 9D974D 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

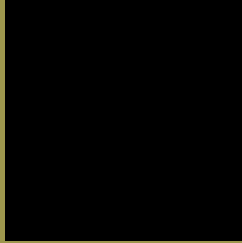
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9D974D Background



This preview shows how black text looks on a background with the Hex color 9D974D.



This preview shows how white text looks on a background with the Hex color 9D974D.

# 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**  
9D974D

**Protanopia**  
A4954C

**Deuteranopia**  
B68E4F

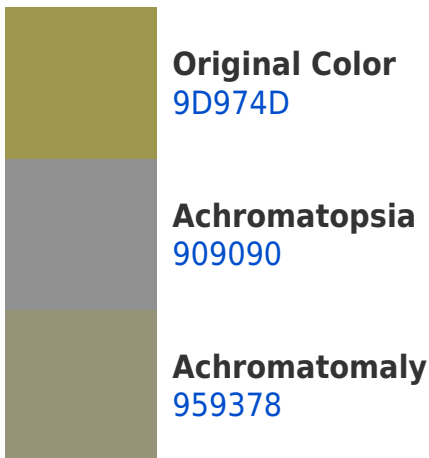


**Tritanopia**  
A58E9A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9D974D 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 #9D974D looks like.

```
.text, #text, p{  
    color:#9D974D  
}
```

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 #9D974D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D974D
}
```

## Border

The CSS property to change the border of an element to Hex 9D974D 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
#9D974D }
```

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

```
.border{ border-color:#9D974D }
```

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

Here you see how a box with a 4 pixel #9D974D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D974D; -webkit-box-shadow:4px 4px  
4px 4px #9D974D; box-shadow:4px 4px 4px  
4px #9D974D }
```

# Background

The CSS property to change the background color of an element to Hex 9D974D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D974D }
```

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

```
.background{ background-color:#9D974D }
```

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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