

# Converting Colors

Hex(9A7977)

Have a look what the booklet for  
Hex(9A7977) contains.

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**Color**

**Hex(9A7977)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9A7977
RGB	154, 121, 119
RGB Percent	60%, 47%, 47%
CMY	0.3961, 0.5255, 0.5333
CMYK	0.00, 0.21, 0.23, 0.40
HSL	3°, 15%, 54%
HSV	3°, 23%, 60%
XYZ	23.4936, 21.8767, 20.4371
YIQ	130.6390, 20.3100, 6.3740

# Conversions

## Conversions Part 2

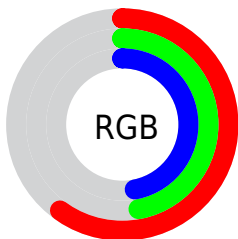
<b>Format</b>	<b>Color</b>
<b>RYB</b>	154, 121, 119
Decimal	10123639
CIELab	53.90, 12.52, 6.00
CIELCh	54, 13.879, 25.608
Yxy	21.8767, 0.3570, 0.3324
Android (android.graphics.Color)	4288313719 (0xFF9A7977)
YUV	130.6390, -5.7380, 20.4876
Hunter-Lab	46.7725, 7.8077, 6.8341

# Details

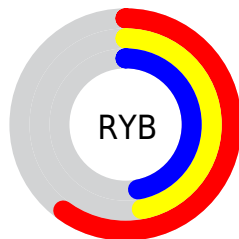
The Hex color **9A7977** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **77989A**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **D1ADAB**, and **664847** is the 20% darker color. If you saturate the color by 10%, you get **9A6A68**, and if you desaturate by 10%, it is **9A8886**.

# Distribution



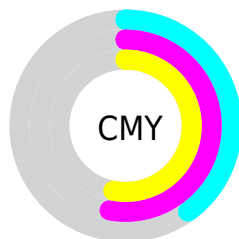
- Red (60%)
- Green (47%)
- Blue (47%)



- Red (60%)
- Yellow (47%)
- Blue (47%)



- Cyan (0%)
- Magenta (21%)
- Yellow (23%)
- Black (40%)



- Cyan (40%)
- Magenta (53%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9A7977 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 9A7977 by changing the saturation by 10% instead.





9A7977



9A7977

FFFFFF



80605E



D1ADAB



664847



EDC9C6



4E3230



FFE5E2



361C1C



220400



000000



9A7977



9A7977



9A6A68



9A8886



9A5C58



9A9696

 9A4D49

 9AA5A5

 9A3F39

 9AB3B5

 9A302A

 9AC2C4

 9A221B

 9AD0D3

 9A130B

 9ADFE3

 9A0900

 9AEDF2

 9AFCFF

# Harmonies

## Analogous

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



987983



9A7977



967C6E

# Triad

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



9A7977



718673



718298

# Complementary

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



9A7977



77989A

# 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.



658694



9A7977



66887F

# Square

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



9A7977



7F836B



61888B



817E96

# Rectangle

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



9A7977



907E6A



61888B



6D8498



# Sweetspot

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



9A7977



C9BCBB



9A7798



665E5E



E6E6E6



666666



# Same Dimension

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



9A7977



C99693



9A8A77



4D4545



8C0800



0D0100



# Inverse Universe

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



77989A



93C6C9



77879A



454C4D



00848C



000C0D



# Previews

## White Background



This preview shows how the Hex color 9A7977 looks on a white background.

## Color Contrast Check

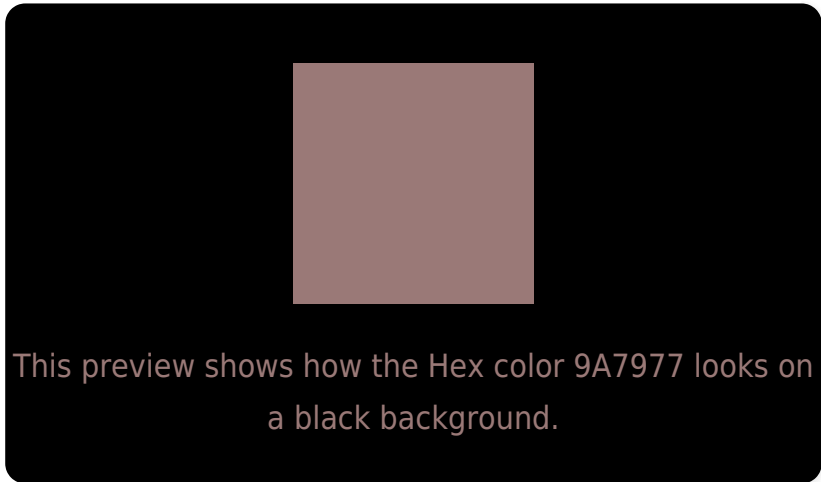
Large Text (above 18pt) WCAG AA ✓ Pass

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 9A7977 Background



This preview shows how black text looks on a background with the Hex color 9A7977.



This preview shows how white text looks on a background with the Hex color 9A7977.

# 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**  
9A7977

**Protanopia**  
85817B

**Deuteranopia**  
917C76



**Tritanopia**  
9B7881

# Trichromacy



**Original Color**  
9A7977

**Protanomaly**  
8D7E7A

**Deuteranomaly**  
947B76

**Tritanomaly**  
9B787D

# Monochromacy



**Original Color**  
9A7977

**Achromatopsia**  
838383

**Achromatomaly**  
8B7F7F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9A7977 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 #9A7977 looks like.

```
.text, #text, p{  
    color:#9A7977  
}
```

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 #9A7977 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A7977  
}
```

## Border

The CSS property to change the border of an element to Hex 9A7977 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  
#9A7977 }
```

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

```
.border{ border-color:#9A7977 }
```

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

Here you see how a box with a 4 pixel #9A7977 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A7977; -webkit-box-shadow:4px 4px  
4px 4px #9A7977; box-shadow:4px 4px 4px  
4px #9A7977 }
```

# Background

The CSS property to change the background color of an element to Hex 9A7977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A7977 }
```

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

```
.background{ background-color:#9A7977 }
```

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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