

# Converting Colors

Hex(997B5F)

Have a look what the booklet for  
Hex(997B5F) contains.

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**Color**

**Hex(997B5F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	997B5F
RGB	153, 123, 95
RGB Percent	60%, 48%, 37%
CMY	0.4000, 0.5176, 0.6275
CMYK	0.00, 0.20, 0.38, 0.40
HSL	29°, 23%, 49%
HSV	29°, 38%, 60%
XYZ	22.2854, 21.7644, 13.8529
YIQ	128.7780, 26.8680, -2.3480

# Conversions

## Conversions Part 2

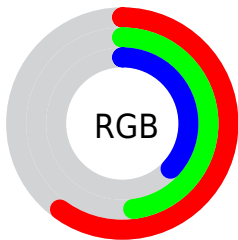
<b>Format</b>	<b>Color</b>
<b>RYB</b>	153, 149, 95
Decimal	10058591
CIELab	53.78, 7.56, 19.71
CIELCh	54, 21.112, 69.025
Yxy	21.7644, 0.3849, 0.3759
Android (android.graphics.Color)	4288248671 (0xFF997B5F)
YUV	128.7780, -16.6526, 21.2427
Hunter-Lab	46.6524, 3.6260, 15.0512

# Details

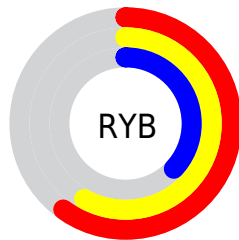
The Hex color **997B5F** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **5F7D99**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **D0AF92**, and **654A30** is the 20% darker color. If you saturate the color by 10%, you get **997350**, and if you desaturate by 10%, it is **99836E**.

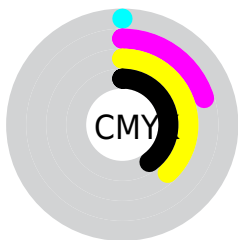
# Distribution



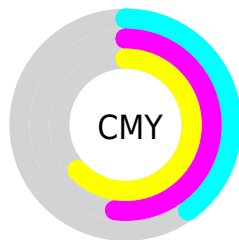
- Red (60%)
- Green (48%)
- Blue (37%)



- Red (60%)
- Yellow (58%)
- Blue (37%)



- Cyan (0%)
- Magenta (20%)
- Yellow (38%)
- Black (40%)



- Cyan (40%)
- Magenta (52%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 997B5F 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 997B5F by changing the saturation by 10% instead.





997B5F



997B5F

FFFFFF



7E6247



D0AF92



654A30



EDCBAC



4C341B



FFE7C8



341F02



FFFFE4



1D0700



000000



997B5F



997B5F



997350



99836E



996B40



998B7E

■ 996331

■ 99938D

■ 995B22

■ 999B9C

■ 995312

■ 99A3AB

■ 994C03

■ 99AABB

■ 994A00

■ 99B2CA

■ 99BAD9

■ 99C2E9

# Harmonies

## Analogous

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



A3766A



997B5F



88815D

# Triad

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



997B5F



4F8B86



8A7A9D

# Complementary

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



997B5F



5F7D99

# 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.



7280A4



997B5F



4B8A97

# Square

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



997B5F



5F8A73



5986A2



9C758E

# Rectangle

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



997B5F



7B8560



5986A2



837CA0



# Sweetspot

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



997B5F



C7BCB1



995F7E



635D57



E3E3E3



636363



# Same Dimension

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



997B5F



C7996D



99975F



4D4945



8C4400



0D0600



# Inverse Universe

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



5F7D99



6D9CC7



5F6199



45494D



00498C

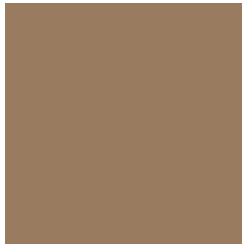


00070D



# Previews

## White Background



This preview shows how the Hex color 997B5F looks on a white background.

## Color Contrast Check

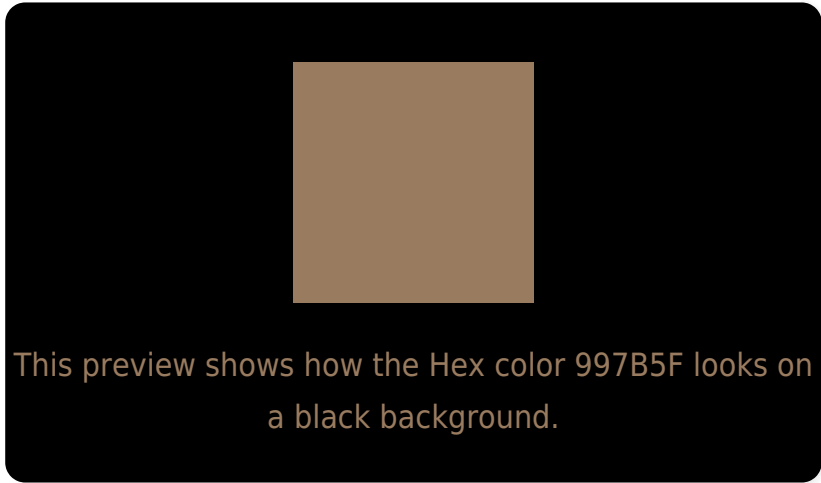
Large Text (above 18pt) WCAG AA ✓ Pass

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 997B5F Background



This preview shows how black text looks on a background with the Hex color 997B5F.



This preview shows how white text looks on a background with the Hex color 997B5F.

# 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**  
997B5F

**Protanopia**  
8A8161

**Deuteranopia**  
987B5F



**Tritanopia**  
9C7780

# Trichromacy



**Original Color**  
997B5F

**Protanomaly**  
8F7F60

**Deuteranomaly**  
987B5F

**Tritanomaly**  
9B7874

# Monochromacy



**Original Color**  
997B5F

**Achromatopsia**  
818181

**Achromatomaly**  
8A7F75

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 997B5F 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 #997B5F looks like.

```
.text, #text, p{  
    color:#997B5F  
}
```

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 #997B5F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #997B5F
}
```

## Border

The CSS property to change the border of an element to Hex 997B5F 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
#997B5F }
```

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

```
.border{ border-color:#997B5F }
```

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

Here you see how a box with a 4 pixel #997B5F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #997B5F; -webkit-box-shadow:4px 4px  
4px 4px #997B5F; box-shadow:4px 4px 4px  
4px #997B5F }
```

# Background

The CSS property to change the background color of an element to Hex 997B5F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#997B5F }
```

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

```
.background{ background-color:#997B5F }
```

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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