

Converting Colors

Hex(997D3C)

Have a look what the booklet for
Hex(997D3C) contains.

Hex(997D3C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(997D3C)

Conversions

Conversions Part 1

Format	Color
Hex	997D3C
RGB	153, 125, 60
RGB Percent	60%, 49%, 24%
CMY	0.4000, 0.5098, 0.7647
CMYK	0.00, 0.18, 0.61, 0.40
HSL	42°, 44%, 42%
HSV	42°, 61%, 60%
XYZ	21.2861, 21.7658, 7.3543
YIQ	125.9620, 37.5530, -14.2790

Conversions

Conversions Part 2

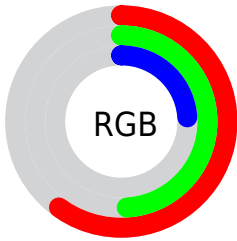
Format	Color
R_{YB}	100, 153, 60
Decimal	10059068
CIE _{Lab}	53.78, 2.87, 38.86
CIE _{LCh}	54, 38.962, 85.772
Yxy	21.7658, 0.4223, 0.4318
Android (android.graphics.Color)	4288249148 (0xFF997D3C)
YUV	125.9620, -32.5193, 23.7123
Hunter-Lab	46.6538, -0.2024, 23.3115

Details

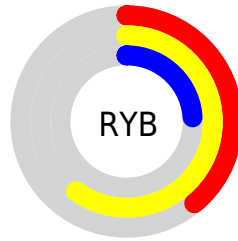
The Hex color **997D3C** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **3C5899**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **D2B16E**, and **634C0A** is the 20% darker color. If you saturate the color by 10%, you get **99782D**, and if you desaturate by 10%, it is **99824B**.

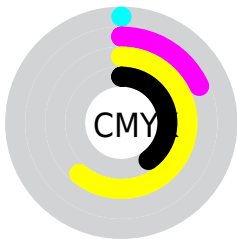
Distribution



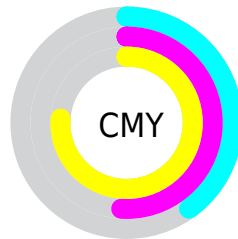
- Red (60%)
- Green (49%)
- Blue (24%)



- Red (39%)
- Yellow (60%)
- Blue (24%)



- Cyan (0%)
- Magenta (18%)
- Yellow (61%)
- Black (40%)



- Cyan (40%)
- Magenta (51%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 997D3C 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 997D3C by changing the saturation by 10% instead.

 997D3C

 997D3C

FFFFFF

 7E6424

 D2B16E

 634C0A

 EFCD88

 4A3600

 FFE9A2

 302100

 FFFFBE

 170B00

 FFFFDA

 000000

 FFFFF6

 997D3C

 997D3C

 99782D

 99824B

■ 99741D

■ 99865B

■ 996F0E

■ 998B6A

■ 996B00

■ 998F79

■ 999489

■ 999998

■ 999DA7

■ 99A2B6

■ 99A6C6

Harmonies

Analogous

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



B2714A



997D3C



788742

Triad

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



997D3C



00919D



A66DA7

Complementary

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



997D3C



3C5899

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.



7C7ABD



997D3C



008EB7

Square

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



997D3C



00917A



3B85C3



BC6587

Rectangle

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



997D3C



5E8C50



3B85C3



9A71B0

Sweetspot

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



997D3C



C7BCA3



993C59



635D4E



E3E3E3



636363

Same Dimension

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



997D3C



C79B36



88993C



4D4A45



8C6200



0D0900

Inverse Universe

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



3C5899



3661C7



4D3C99



45474D



002A8C



00040D

Previews

White Background



This preview shows how the Hex color 997D3C looks on a white background.

Color Contrast Check

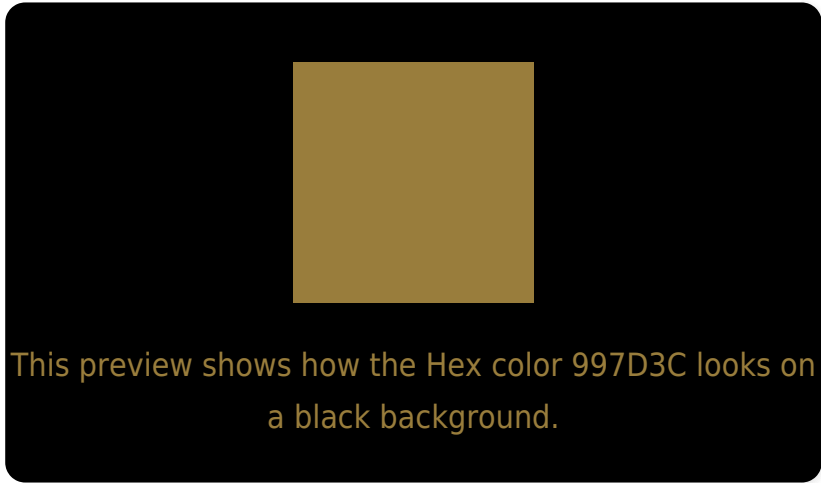
Large Text (above 18pt) WCAG AA ✓ Pass

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 997D3C Background



This preview shows how black text looks on a background with the Hex color 997D3C.



This preview shows how white text looks on a background with the Hex color 997D3C.

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
997D3C

Protanopia
8F813D

Deuteranopia
9F7B3D



Tritanopia
9E767F

Trichromacy



Original Color
997D3C

Protanomaly
93803D

Deuteranomaly
9D7C3D

Tritanomaly
9C7967

Monochromacy



Original Color
997D3C

Achromatopsia
7E7E7E

Achromatomaly
887E66

CSS Examples

Text

The CSS property to change the color of the text to Hex 997D3C 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 #997D3C looks like.

```
.text, #text, p{  
    color:#997D3C  
}
```

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 #997D3C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #997D3C
}
```

Border

The CSS property to change the border of an element to Hex 997D3C 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
#997D3C }
```

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

```
.border{ border-color:#997D3C }
```

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

Here you see how a box with a 4 pixel #997D3C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #997D3C; -webkit-box-shadow:4px 4px  
4px 4px #997D3C; box-shadow:4px 4px 4px  
4px #997D3C }
```

Background

The CSS property to change the background color of an element to Hex 997D3C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#997D3C }
```

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

```
.background{ background-color:#997D3C }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor