

# Converting Colors

Hex(997D33)

Have a look what the booklet for  
Hex(997D33) contains.

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**Color**

**Hex(997D33)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	997D33
RGB	153, 125, 51
RGB Percent	60%, 49%, 20%
CMY	0.4000, 0.5098, 0.8000
CMYK	0.00, 0.18, 0.67, 0.40
HSL	44°, 50%, 40%
HSV	44°, 67%, 60%
XYZ	21.0680, 21.6786, 6.2059
YIQ	124.9360, 40.4420, -17.0780

# Conversions

## Conversions Part 2

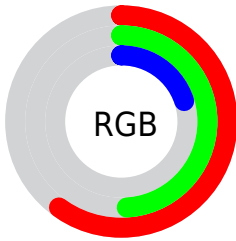
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	90, 153, 51
Decimal	10059059
CIE Lab	53.68, 2.23, 43.18
CIE LCh	54, 43.235, 87.038
Yxy	21.6786, 0.4304, 0.4428
Android (android.graphics.Color)	4288249139 (0xFF997D33)
YUV	124.9360, -36.4504, 24.6121
Hunter-Lab	46.5602, -0.7110, 24.6895

# Details

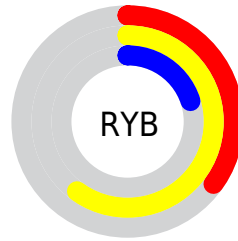
The Hex color **997D33** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **334F99**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **D2B165**, and **634C00** is the 20% darker color. If you saturate the color by 10%, you get **997924**, and if you desaturate by 10%, it is **998142**.

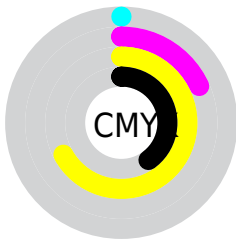
# Distribution



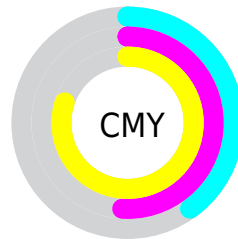
- Red (60%)
- Green (49%)
- Blue (20%)



- Red (35%)
- Yellow (60%)
- Blue (20%)



- Cyan (0%)
- Magenta (18%)
- Yellow (67%)
- Black (40%)



- Cyan (40%)
- Magenta (51%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 997D33 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 997D33 by changing the saturation by 10% instead.



 997D33

 997D33

FFFFFF

 7D641A

 D2B165

 634C00

 EFCD7F

 493600

 FFE999

 2F2100

 FFFFB5

 160B00

 FFFFD1

 000000

 FFFFED

 997D33

 997D33

 997924

 998142

■ 997514

■ 998552

■ 997005

■ 998A61

■ 996F00

■ 998E70

■ 999280

■ 99968F

■ 999A9E

■ 999FAD

■ 99A3BD

# Harmonies

## Analogous

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



B56F42



997D33



74883B

# Triad

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



997D33



0093A1



AB69A9

# Complementary

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



997D33



334F99

# 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.



7C78C3



997D33



008EBE

# Square

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



997D33



00937B



2B85CA



C26186

# Rectangle

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



997D33



578D4B



2B85CA



9E6EB3



# Sweetspot

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



997D33



C7BC9F



993350



635D4C



E3E3E3



636363



# Same Dimension

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



997D33



C79B28



839933



4D4A45



8C6600



0D0900



# Inverse Universe

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



334F99



2853C7



493399



45474D



00268C



00030D



# Previews

## White Background



This preview shows how the Hex color 997D33 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 997D33 Background



This preview shows how black text looks on a background with the Hex color 997D33.



This preview shows how white text looks on a background with the Hex color 997D33.

# 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**  
997D33

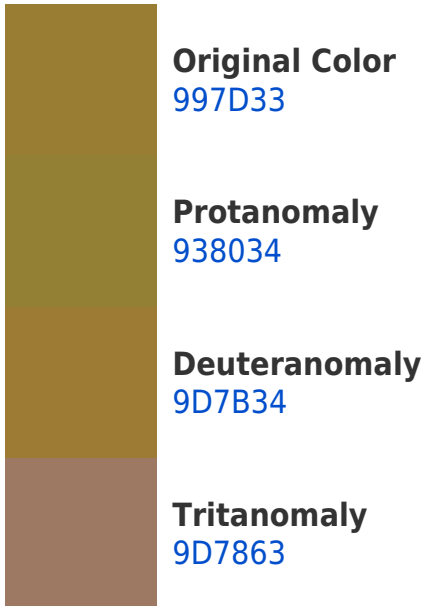
**Protanopia**  
8F8134

**Deuteranopia**  
A07A34

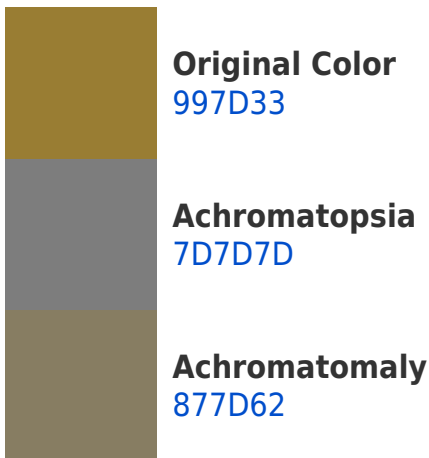


**Tritanopia**  
9F757E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 997D33 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 #997D33 looks like.

```
.text, #text, p{  
    color:#997D33  
}
```

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 #997D33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #997D33  
}
```

## Border

The CSS property to change the border of an element to Hex 997D33 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  
#997D33 }
```

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

```
.border{ border-color:#997D33 }
```

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

Here you see how a box with a 4 pixel #997D33 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #997D33; -webkit-box-shadow:4px 4px  
4px 4px #997D33; box-shadow:4px 4px 4px  
4px #997D33 }
```

# Background

The CSS property to change the background color of an element to Hex 997D33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#997D33 }
```

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

```
.background{ background-color:#997D33 }
```

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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