

# Converting Colors

Hex(997811)

Have a look what the booklet for  
Hex(997811) contains.

<b>Hex(997811)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(997811)**

# Conversions

## Conversions Part 1

Format	Color
Hex	997811
RGB	153, 120, 17
RGB Percent	60%, 47%, 7%
CMY	0.4000, 0.5294, 0.9333
CMYK	0.00, 0.22, 0.89, 0.40
HSL	45°, 80%, 33%
HSV	45°, 89%, 60%
XYZ	19.9545, 20.2457, 3.3864
YIQ	118.1250, 52.7310, -25.0370

# Conversions

## Conversions Part 2

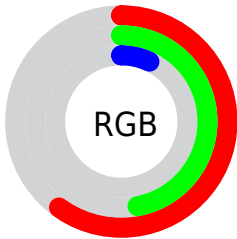
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">61, 153, 17</a>
Decimal	<a href="#">10057745</a>
CIELab	<a href="#">52.11, 3.58, 54.54</a>
CIELCh	<a href="#">52, 54.659, 86.250</a>
Yxy	<a href="#">20.2457, 0.4578, 0.4645</a>
Android (android.graphics.Color)	<a href="#">4288247825 (0xFF997811)</a>
YUV	<a href="#">118.1250, -49.8546, 30.5854</a>
Hunter-Lab	<a href="#">44.9952, 0.4196, 27.0344</a>

# Details

The Hex color **997811** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **113299**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **D3AC49**, and **624800** is the 20% darker color. If you saturate the color by 10%, you get **997402**, and if you desaturate by 10%, it is **997C20**.

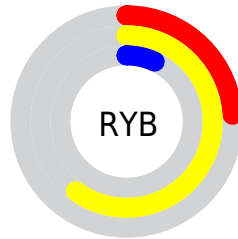
# Distribution



Red (60%)

Green (47%)

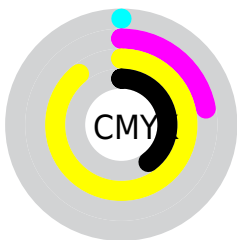
Blue (7%)



Red (24%)

Yellow (60%)

Blue (7%)

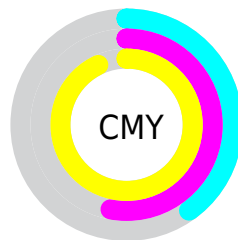


Cyan (0%)

Magenta (22%)

Yellow (89%)

Black (40%)



Cyan (40%)

Magenta (53%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 997811 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 997811 by changing the saturation by 10% instead.



 997811

 997811

FFFFFF

 7D5F00

 D3AC49

 624800

 F1C763

 463200

 FFE37E

 2D1D00

 FFFF99

 130500

 FFFFB5

 000000

 FFFFD1

 FFFFEE

 997811

 997811

■ 997402

■ 997C20

■ 997400

■ 997F30

■ 99833F

■ 99874E

■ 998B5D

■ 998E6D

■ 99927C

■ 99968B

■ 99999B

# Harmonies

## Analogous

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



BC652D



997811



6C861E

# Triad

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



997811



0092A4



AF5EB1

# Complementary

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



997811



113299

# 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.



7172D1



997811



008ECA

# Square

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



997811



009275



0083DA



CD4F84

# Rectangle

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



997811



458C37



0083DA



9F64BE



# Sweetspot

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



997811



C7BA91



991133



635C44



E3E3E3



636363



# Same Dimension

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



997811



C79700



779911



4D4B45



8C6A00



0D0A00



# Inverse Universe

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



113299



0030C7



331199



45474D



00228C

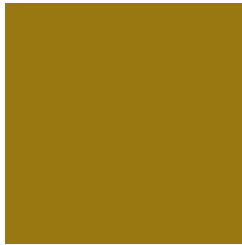


00030D



# Previews

## White Background



This preview shows how the Hex color 997811 looks on a white background.

## Color Contrast Check

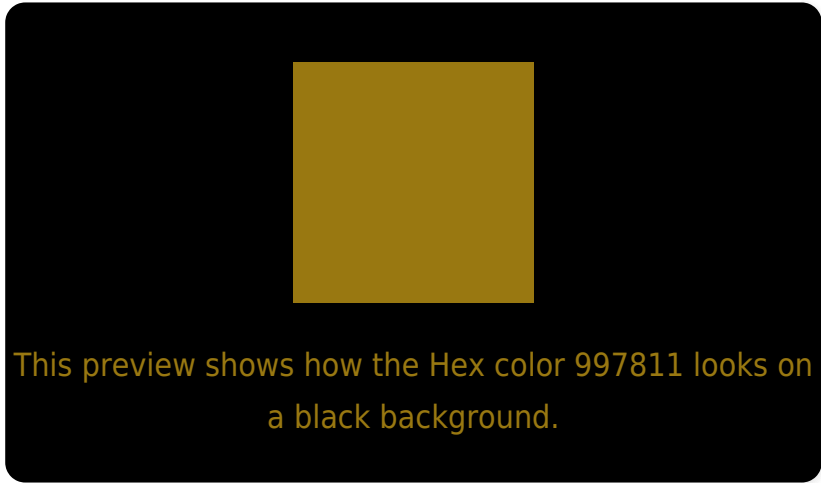
Large Text (above 18pt) WCAG AA ✓ Pass

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 997811 Background



This preview shows how black text looks on a background with the Hex color 997811.



This preview shows how white text looks on a background with the Hex color 997811.

# 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**  
997811

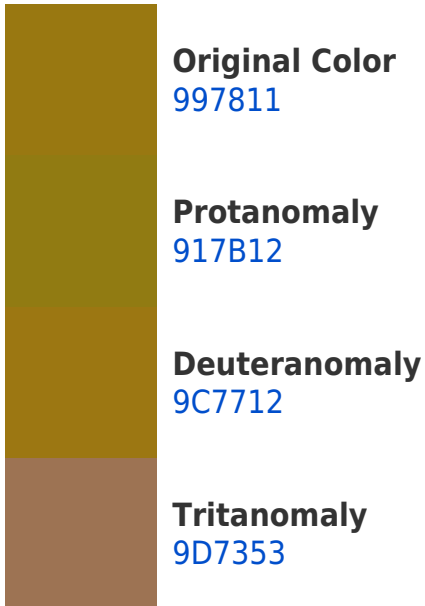
**Protanopia**  
8C7D13

**Deuteranopia**  
9D7613

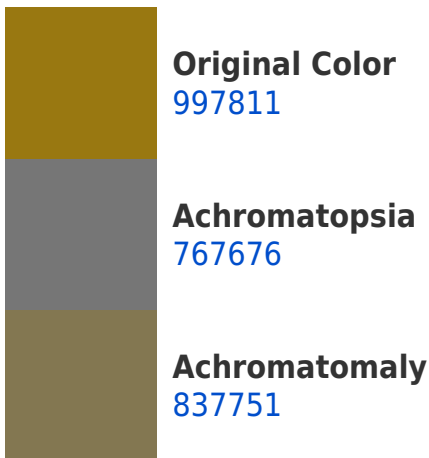


**Tritanopia**  
9F7078

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 997811 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 #997811 looks like.

```
.text, #text, p{  
    color:#997811  
}
```

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 #997811 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #997811
}
```

## Border

The CSS property to change the border of an element to Hex 997811 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
#997811 }
```

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

```
.border{ border-color:#997811 }
```

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

Here you see how a box with a 4 pixel #997811 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #997811; -webkit-box-shadow:4px 4px  
4px 4px #997811; box-shadow:4px 4px 4px  
4px #997811 }
```

# Background

The CSS property to change the background color of an element to Hex 997811 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#997811 }
```

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

```
.background{ background-color:#997811 }
```

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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