

# Converting Colors

Hex(997F2E)

Have a look what the booklet for  
Hex(997F2E) contains.

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# Color

Hex(997F2E)

# Conversions

## Conversions Part 1

Format	Color
Hex	997F2E
RGB	153, 127, 46
RGB Percent	60%, 50%, 18%
CMY	0.4000, 0.5020, 0.8196
CMYK	0.00, 0.17, 0.70, 0.40
HSL	45°, 54%, 39%
HSV	45°, 70%, 60%
XYZ	21.2194, 22.1483, 5.7414
YIQ	125.5400, 41.4970, -19.6790

# Conversions

## Conversions Part 2

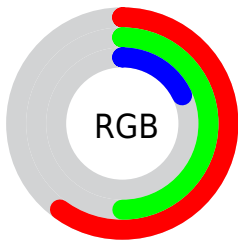
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	80, 153, 46
Decimal	10059566
CIE Lab	54.18, 0.80, 46.01
CIE LCh	54, 46.016, 89.000
Yxy	22.1483, 0.4321, 0.4510
Android (android.graphics.Color)	4288249646 (0xFF997F2E)
YUV	125.5400, -39.2132, 24.0824
Hunter-Lab	47.0620, -1.8761, 25.7102

# Details

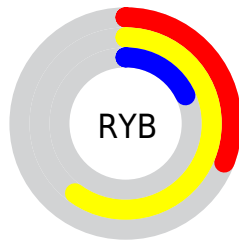
The Hex color **997F2E** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **2E4899**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **D2B360**, and **624E00** is the 20% darker color. If you saturate the color by 10%, you get **997B1F**, and if you desaturate by 10%, it is **99833D**.

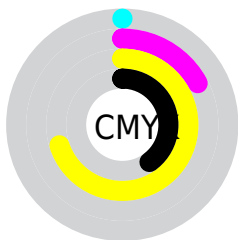
# Distribution



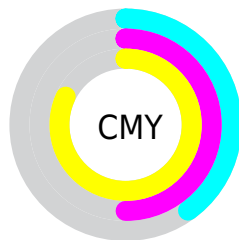
- Red (60%)
- Green (50%)
- Blue (18%)



- Red (31%)
- Yellow (60%)
- Blue (18%)



- Cyan (0%)
- Magenta (17%)
- Yellow (70%)
- Black (40%)



- Cyan (40%)
- Magenta (50%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 997F2E 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 997F2E by changing the saturation by 10% instead.



 997F2E

 997F2E

FFFFFF

 7D6613

 D2B360

 624E00

 EFCF7A

 493800

 FFE895

 2F2300

 FFFF80

 160E00

 FFFFCC

 000000

 FFFF99

 997F2E

 997F2E

 997B1F

 99833D

■ 99780F

■ 99864D

■ 997400

■ 998A5C

■ 998E6B

■ 99927B

■ 99958A

■ 999999

■ 999DA8

■ 99A0B8

# Harmonies

## Analogous

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



B8703E



997F2E



718B38

# Triad

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



997F2E



0095A7



B168AB

# Complementary

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



997F2E



2E4899

# 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.



8178C7



997F2E



0090C5

# Square

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



997F2E



00957F



2786D1



C85F85

# Rectangle

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



997F2E



51904B



2786D1



A46DB6



# Sweetspot

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



997F2E



C7BD9D



992E49



635D4B



E3E3E3



636363



# Same Dimension

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



997F2E



C79E20



7E992E



4D4B45



8C6A00



0D0A00



# Inverse Universe

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



2E4899



2048C7



492E99



45474D



00228C



00030D



# Previews

## White Background



This preview shows how the Hex color 997F2E looks on a white background.

## Color Contrast Check

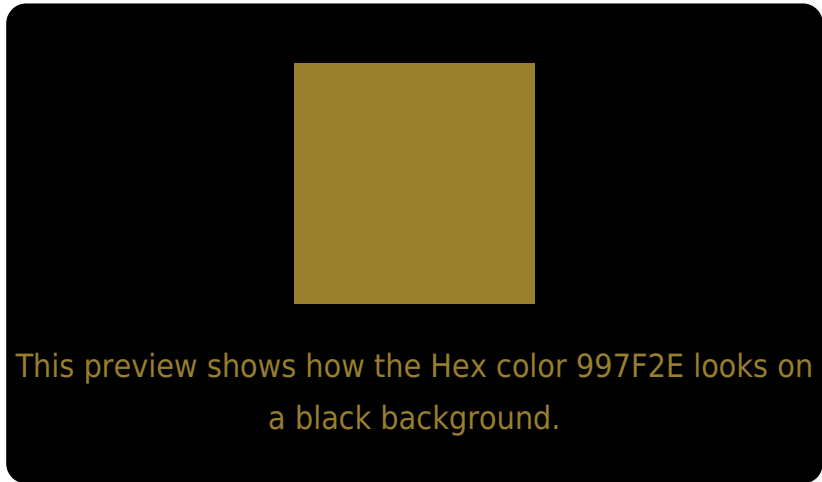
Large Text (above 18pt) WCAG AA ✓ Pass

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 997F2E Background



This preview shows how black text looks on a background with the Hex color 997F2E.



This preview shows how white text looks on a background with the Hex color 997F2E.

# 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**  
997F2E

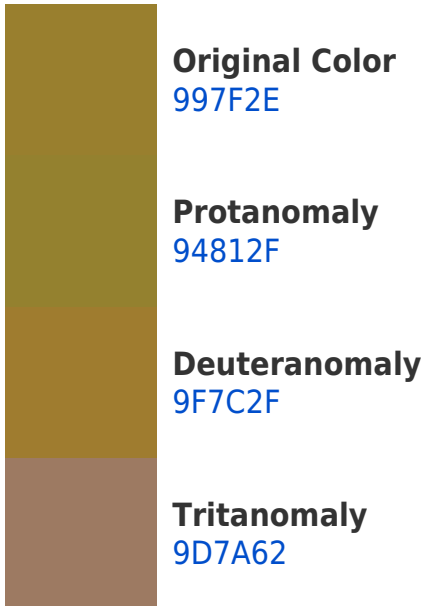
**Protanopia**  
91822F

**Deuteranopia**  
A27B2F

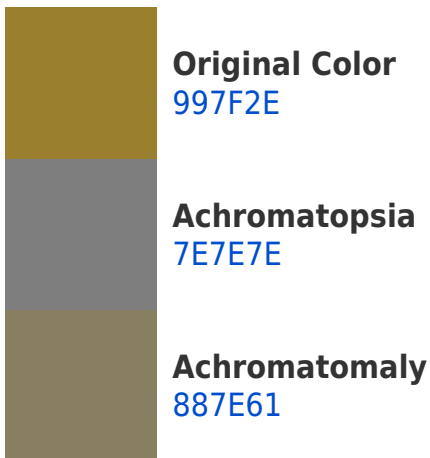


**Tritanopia**  
9F7780

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 997F2E 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 #997F2E looks like.

```
.text, #text, p{  
    color:#997F2E  
}
```

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 #997F2E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #997F2E
}
```

## Border

The CSS property to change the border of an element to Hex 997F2E 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
#997F2E }
```

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

```
.border{ border-color:#997F2E }
```

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

Here you see how a box with a 4 pixel #997F2E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #997F2E; -webkit-box-shadow:4px 4px  
4px 4px #997F2E; box-shadow:4px 4px 4px  
4px #997F2E }
```

# Background

The CSS property to change the background color of an element to Hex 997F2E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#997F2E }
```

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

```
.background{ background-color:#997F2E }
```

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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