

# Converting Colors

Hex(977E34)

Have a look what the booklet for  
Hex(977E34) contains.

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**Color**

**Hex(977E34)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	977E34
RGB	151, 126, 52
RGB Percent	59%, 49%, 20%
CMY	0.4078, 0.5059, 0.7961
CMYK	0.00, 0.17, 0.66, 0.41
HSL	45°, 49%, 40%
HSV	45°, 66%, 59%
XYZ	20.8432, 21.7490, 6.3482
YIQ	125.0390, 38.6540, -17.7140

# Conversions

## Conversions Part 2

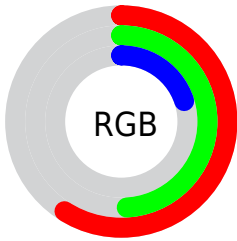
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	85, 151, 52
Decimal	9928244
CIE Lab	53.76, 0.83, 42.72
CIE LCh	54, 42.731, 88.888
Yxy	21.7490, 0.4259, 0.4444
Android (android.graphics.Color)	4288118324 (0xFF977E34)
YUV	125.0390, -36.0082, 22.7678
Hunter-Lab	46.6358, -1.8346, 24.5743

# Details

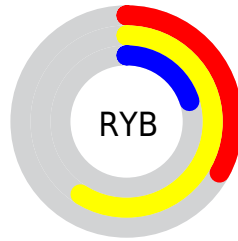
The Hex color **977E34** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **344D97**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **D0B266**, and **614D00** is the 20% darker color. If you saturate the color by 10%, you get **977A25**, and if you desaturate by 10%, it is **978243**.

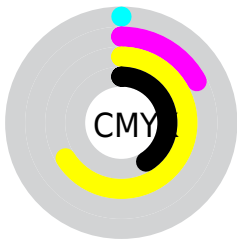
# Distribution



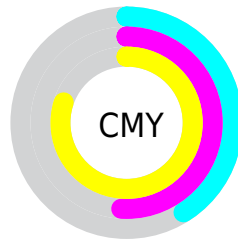
- Red (59%)
- Green (49%)
- Blue (20%)



- Red (33%)
- Yellow (59%)
- Blue (20%)



- Cyan (0%)
- Magenta (17%)
- Yellow (66%)
- Black (41%)



- Cyan (41%)
- Magenta (51%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 977E34 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 977E34 by changing the saturation by 10% instead.



 977E34

 977E34

FFFFFF

 7C651B

 D0B266

 614D00

 EDCE80

 483700

 FFEA9A

 2E2200

 FFFFB6

 140C00

 FFFFD2

 000000

 FFFFEE

 977E34

 977E34

 977A25

 978243

■ 977616

■ 978652

■ 977307

■ 978961

■ 977100

■ 978D70

■ 979180

■ 97958F

■ 97999E

■ 979DAD

■ 97A0BC

# Harmonies

## Analogous

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



B47042



977E34



72893D

# Triad

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



977E34



0092A3



AD69A7

# Complementary

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



977E34



344D97

# 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.



8077C1



977E34



008EBF

# Square

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



977E34



00937E



3585CA



C36183

# Rectangle

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



977E34



548E4E



3585CA



A06EB1



# Sweetspot

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



977E34



C4BA9D



97344E



635D4C



E3E3E3



636363



# Same Dimension

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



977E34



C49D29



809734



4D4B45



8C6900



0D0A00



# Inverse Universe

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



344D97



2950C4



4B3497



45474D



00238C



00030D



# Previews

## White Background



This preview shows how the Hex color 977E34 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 977E34 Background



This preview shows how black text looks on a background with the Hex color 977E34.



This preview shows how white text looks on a background with the Hex color 977E34.

# 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**

977E34

**Protanopia**

8F8135

**Deuteranopia**

A07A35



**Tritanopia**  
9D767F

# Trichromacy



**Original Color**  
977E34

**Protanomaly**  
928035

**Deuteranomaly**  
9D7B35

**Tritanomaly**  
9B7964

# Monochromacy



**Original Color**  
977E34

**Achromatopsia**  
7D7D7D

**Achromatomaly**  
867D62

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 977E34 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 #977E34 looks like.

```
.text, #text, p{  
    color:#977E34  
}
```

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 #977E34 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #977E34
}
```

## Border

The CSS property to change the border of an element to Hex 977E34 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
#977E34 }
```

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

```
.border{ border-color:#977E34 }
```

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

Here you see how a box with a 4 pixel #977E34 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #977E34; -webkit-box-shadow:4px 4px  
4px 4px #977E34; box-shadow:4px 4px 4px  
4px #977E34 }
```

# Background

The CSS property to change the background color of an element to Hex 977E34 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#977E34 }
```

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

```
.background{ background-color:#977E34 }
```

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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