

# Converting Colors

Hex(976E40)

Have a look what the booklet for  
Hex(976E40) contains.

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**Color**

**Hex(976E40)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	976E40
RGB	151, 110, 64
RGB Percent	59%, 43%, 25%
CMY	0.4078, 0.5686, 0.7490
CMYK	0.00, 0.27, 0.58, 0.41
HSL	32°, 40%, 42%
HSV	32°, 58%, 59%
XYZ	19.2638, 18.1013, 7.3291
YIQ	117.0150, 39.2020, -5.6140

# Conversions

## Conversions Part 2

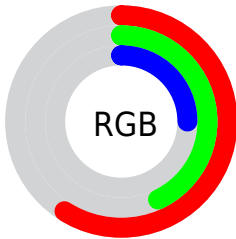
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">142, 151, 64</a>
Decimal	<a href="#">9924160</a>
CIELab	<a href="#">49.62, 10.86, 31.78</a>
CIElCh	<a href="#">50, 33.584, 71.131</a>
Yxy	<a href="#">18.1013, 0.4310, 0.4050</a>
Android (android.graphics.Color)	<a href="#">4288114240 (0xFF976E40)</a>
YUV	<a href="#">117.0150, -26.1364, 29.8048</a>
Hunter-Lab	<a href="#">42.5457, 6.3664, 19.5684</a>

# Details

The Hex color **976E40** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **406997**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **D0A271**, and **613E12** is the 20% darker color. If you saturate the color by 10%, you get **976731**, and if you desaturate by 10%, it is **97754F**.

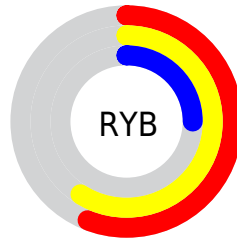
# Distribution



Red (59%)

Green (43%)

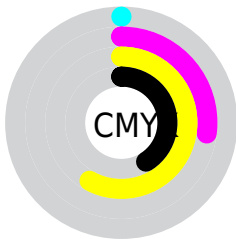
Blue (25%)



Red (56%)

Yellow (59%)

Blue (25%)

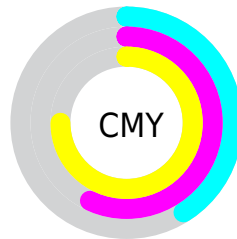


Cyan (0%)

Magenta (27%)

Yellow (58%)

Black (41%)



Cyan (41%)

Magenta (57%)

Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 976E40 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 976E40 by changing the saturation by 10% instead.



 976E40

 976E40

FFFFFF

 7C5629

 D0A271

 613E12

 EDBD8B

 482800

 FFD8A5

 2E1400

 FFF5C1

 150000

 FFFFDD

 000000

 FFFFF9

 976E40

 976E40

 976731

 97754F

 976022

 977C5E

 975913

 97836D

 975204

 978A7C

 975000

 97928B

 97999B

 97A0AA

 97A7B9

 97AEC8

# Harmonies

## Analogous

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



A86452



976E40



7D783D

# Triad

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



976E40



008580



876BA1

# Complementary

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



976E40



406997

# 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.



5C75AE



976E40



00839B

# Square

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



976E40



388463



1B7EAB



A26289

# Rectangle

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



976E40



697D44



1B7EAB



7A6EA7



# Sweetspot

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



976E40



C4B5A3



97406A



635A50



E3E3E3



636363



# Same Dimension

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



976E40



C4853D



969740



4D4945



8C4A00



0D0700



# Inverse Universe

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



406997



3D7DC4



414097



45484D



00428C

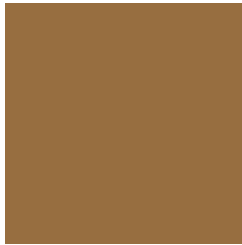


00060D



# Previews

## White Background



This preview shows how the Hex color 976E40 looks on a white 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

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

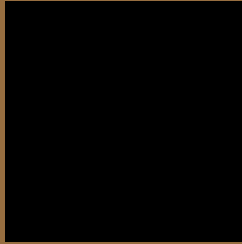
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 976E40 Background



This preview shows how black text looks on a background with the Hex color 976E40.



This preview shows how white text looks on a background with the Hex color 976E40.

# 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**  
976E40

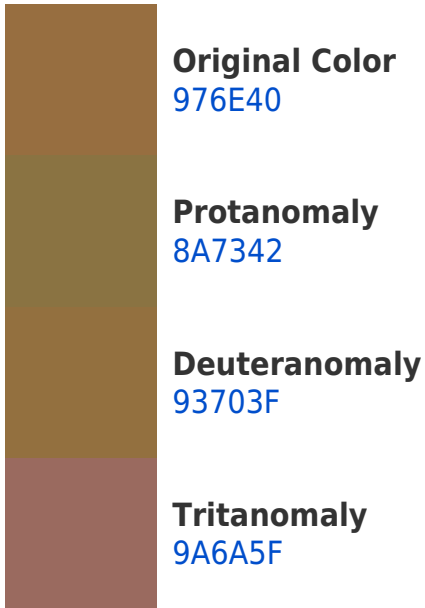
**Protanopia**  
827643

**Deuteranopia**  
91713F

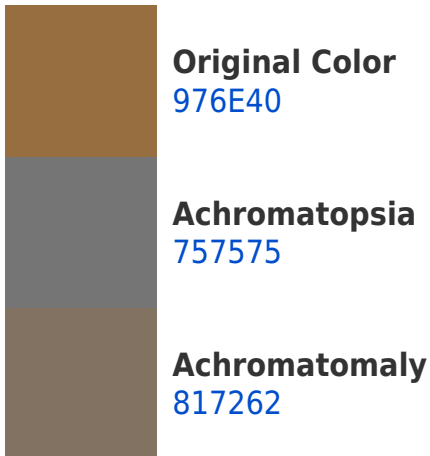


**Tritanopia**  
9B6870

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 976E40 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 #976E40 looks like.

```
.text, #text, p{  
    color:#976E40  
}
```

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 #976E40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #976E40
}
```

## Border

The CSS property to change the border of an element to Hex 976E40 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
#976E40 }
```

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

```
.border{ border-color:#976E40 }
```

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

Here you see how a box with a 4 pixel #976E40 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #976E40; -webkit-box-shadow:4px 4px  
4px 4px #976E40; box-shadow:4px 4px 4px  
4px #976E40 }
```

# Background

The CSS property to change the background color of an element to Hex 976E40 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#976E40 }
```

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

```
.background{ background-color:#976E40 }
```

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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