

# Converting Colors

Hex(976E28)

Have a look what the booklet for  
Hex(976E28) contains.

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**Color**

**Hex(976E28)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	976E28
RGB	151, 110, 40
RGB Percent	59%, 43%, 16%
CMY	0.4078, 0.5686, 0.8431
CMYK	0.00, 0.27, 0.74, 0.41
HSL	38°, 58%, 37%
HSV	38°, 74%, 59%
XYZ	18.7214, 17.8844, 4.4728
YIQ	114.2790, 46.9060, -13.0780

# Conversions

## Conversions Part 2

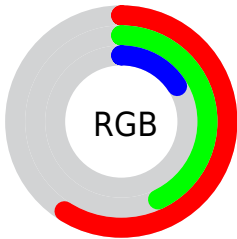
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	105, 151, 40
Decimal	9924136
CIE Lab	49.36, 9.21, 43.67
CIE LCh	49, 44.635, 78.088
Yxy	17.8844, 0.4557, 0.4354
Android (android.graphics.Color)	4288114216 (0xFF976E28)
YUV	114.2790, -36.6195, 32.2043
Hunter-Lab	42.2899, 5.0133, 23.3321

# Details

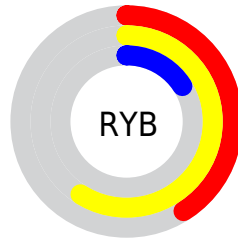
The Hex color **976E28** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **285197**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **D0A159**, and **603F00** is the 20% darker color. If you saturate the color by 10%, you get **976819**, and if you desaturate by 10%, it is **977437**.

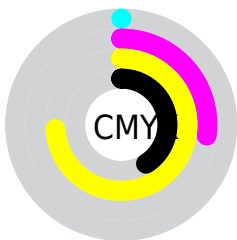
# Distribution



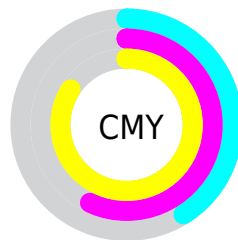
- Red (59%)
- Green (43%)
- Blue (16%)



- Red (41%)
- Yellow (59%)
- Blue (16%)



- Cyan (0%)
- Magenta (27%)
- Yellow (74%)
- Black (41%)



- Cyan (41%)
- Magenta (57%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 976E28 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 976E28 by changing the saturation by 10% instead.





976E28



976E28

FFFFFF



7B560E



D0A159



603F00



EEBC73



462900



FFD88D



2C1500



FFF5A8



100000



FFFFC4



000000



FFFFE0



FFFFFFD



976E28



976E28

■ 976819

■ 977437

■ 97630A

■ 977946

■ 975F00

■ 977F55

■ 978464

■ 978A74

■ 978F83

■ 979592

■ 979BA1

■ 97A0B0

# Harmonies

## Analogous

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



B05F3E



976E28



747A28

# Triad

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



976E28



00888C



9462A8

# Complementary

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



976E28



285197

# 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.



5C71BD



976E28



0085AD

# Square

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



976E28



008764



007EBF



B35586

# Rectangle

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



976E28



588037



007EBF



8567B1



# Sweetspot

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



976E28



C4B499



972853



635A4A



E3E3E3



636363



# Same Dimension

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



976E28



C48518



8A9728



4D4A45



8C5800



0D0800



# Inverse Universe

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



285197



1857C4



352897



45484D



00348C



00050D



# Previews

## White Background



This preview shows how the Hex color 976E28 looks on a white background.

## Color Contrast Check

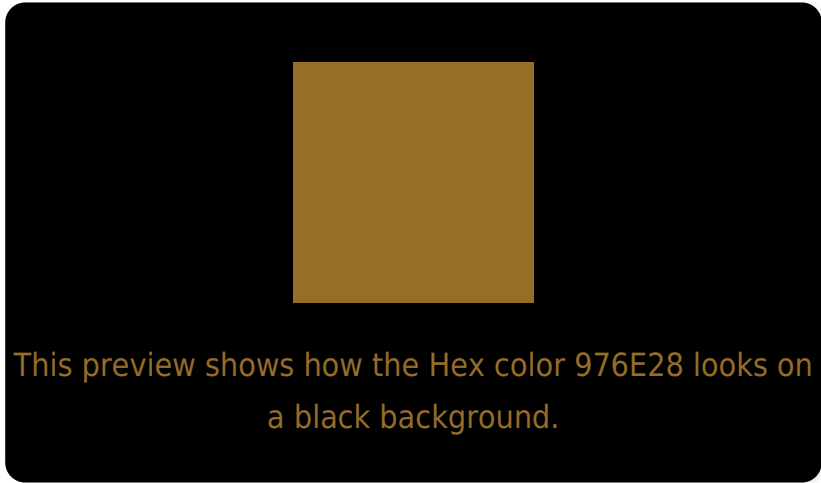
Large Text (above 18pt) WCAG AA ✓ Pass

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

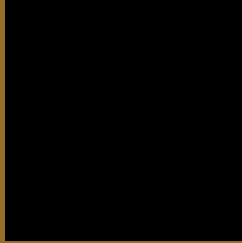
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 976E28 Background



This preview shows how black text looks on a background with the Hex color 976E28.



This preview shows how white text looks on a background with the Hex color 976E28.

# 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**  
976E28

**Protanopia**  
83762A

**Deuteranopia**  
937027

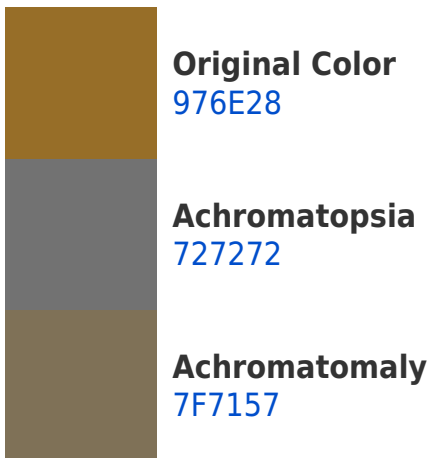


**Tritanopia**  
9C676F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 976E28 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 #976E28 looks like.

```
.text, #text, p{  
    color:#976E28  
}
```

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 #976E28 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #976E28
}
```

## Border

The CSS property to change the border of an element to Hex 976E28 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
#976E28 }
```

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

```
.border{ border-color:#976E28 }
```

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

Here you see how a box with a 4 pixel #976E28 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #976E28; -webkit-box-shadow:4px 4px  
4px 4px #976E28; box-shadow:4px 4px 4px  
4px #976E28 }
```

# Background

The CSS property to change the background color of an element to Hex 976E28 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#976E28 }
```

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

```
.background{ background-color:#976E28 }
```

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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