

# Converting Colors

Hex(976133)

Have a look what the booklet for  
Hex(976133) contains.

<b>Hex(976133)</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(976133)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	976133
RGB	151, 97, 51
RGB Percent	59%, 38%, 20%
CMY	0.4078, 0.6196, 0.8000
CMYK	0.00, 0.36, 0.66, 0.41
HSL	28°, 50%, 40%
HSV	28°, 66%, 59%
XYZ	17.6347, 15.3677, 5.1688
YIQ	107.9020, 46.9500, -2.8580

# Conversions

## Conversions Part 2

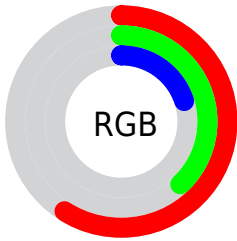
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	151, 136, 51
Decimal	9920819
CIE Lab	46.13, 17.36, 34.71
CIE LCh	46, 38.809, 63.431
Yxy	15.3677, 0.4620, 0.4026
Android (android.graphics.Color)	4288110899 (0xFF976133)
YUV	107.9020, -28.0527, 37.7969
Hunter-Lab	39.2017, 11.6947, 19.6237

# Details

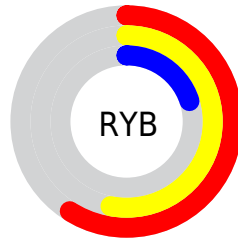
The Hex color **976133** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **336997**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **D09463**, and **603204** is the 20% darker color. If you saturate the color by 10%, you get **975924**, and if you desaturate by 10%, it is **976942**.

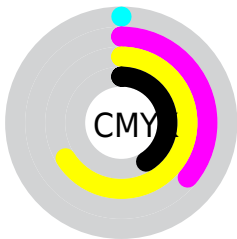
# Distribution



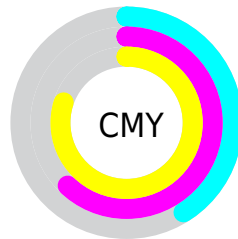
- Red (59%)
- Green (38%)
- Blue (20%)



- Red (59%)
- Yellow (53%)
- Blue (20%)



- Cyan (0%)
- Magenta (36%)
- Yellow (66%)
- Black (41%)



- Cyan (41%)
- Magenta (62%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 976133 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 976133 by changing the saturation by 10% instead.



 976133

 976133

FFFFFF

 7B491C

 D09463

 603204

 EEA77C

 461D00

 FFCA97

 2C0700

 FFE6B2

 020000

 FFFFCD

 000000

 FFFFEA

 976133

 976133

 975924

 976942

■ 975115

■ 977151

■ 974906

■ 977960

■ 974500

■ 97826F

■ 978A7F

■ 97928E

■ 979A9D

■ 97A2AC

■ 97AABB

# Harmonies

## Analogous

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



A7564B



976133



7C6D29

# Triad

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



976133



007E70



7463A4

# Complementary

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



976133



336997

# 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.



3870AE



976133



007D90

# Square

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



976133



2E7B4F



0078A7



98578B

# Rectangle

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



976133



67732F



0078A7



6468A9



# Sweetspot

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



976133



C4AF9D



97336A



63574C



E3E3E3



636363



# Same Dimension

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



976133



C47129



979233



4D4845



8C4100



0D0600



# Inverse Universe

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



336997



297DC4



333897



45494D



004C8C

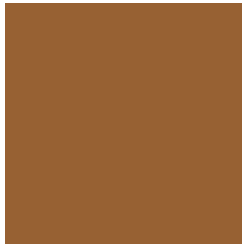


00070D



# Previews

## White Background



This preview shows how the Hex color 976133 looks on a white background.

## Color Contrast Check

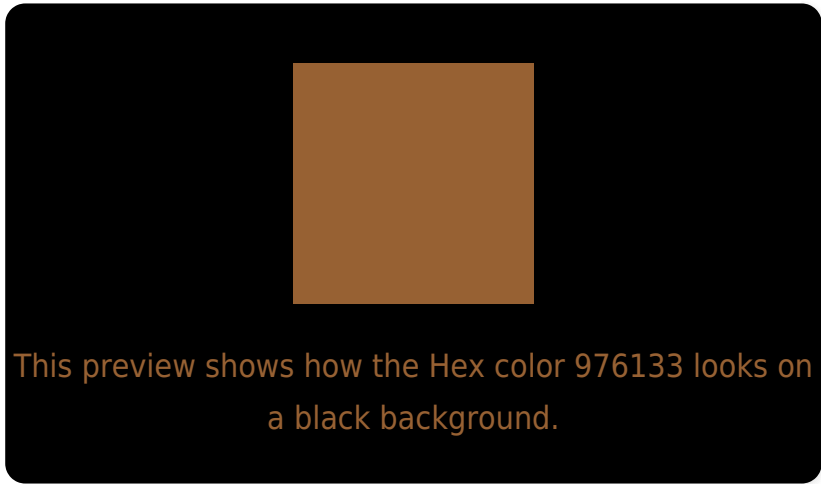
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

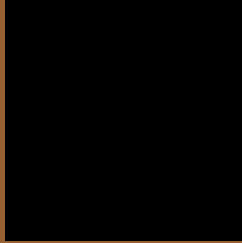
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 976133 Background



This preview shows how black text looks on a background with the Hex color 976133.



This preview shows how white text looks on a background with the Hex color 976133.

# 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**  
976133

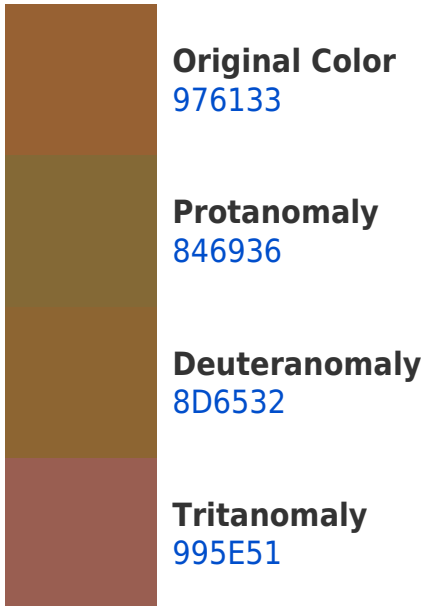
**Protanopia**  
796E37

**Deuteranopia**  
886831



**Tritanopia**  
9A5C62

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 976133 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 #976133 looks like.

```
.text, #text, p{  
    color:#976133  
}
```

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 #976133 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #976133
}
```

## Border

The CSS property to change the border of an element to Hex 976133 is called "border". The border property can be set on classes, ids or directly on the HTML element.

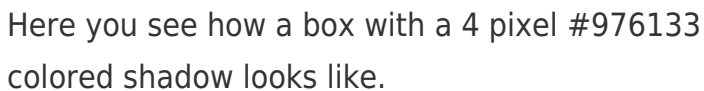
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#976133 }
```

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

```
.border{ border-color:#976133 }
```

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



Here you see how a box with a 4 pixel #976133 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #976133; -webkit-box-shadow:4px 4px  
4px 4px #976133; box-shadow:4px 4px 4px  
4px #976133 }
```

# Background

The CSS property to change the background color of an element to Hex 976133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#976133 }
```

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

```
.background{ background-color:#976133 }
```

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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