

# Converting Colors

Hex(976900)

Have a look what the booklet for  
Hex(976900) contains.

<b>Hex(976900)</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> .....	28

**Color**

**Hex(976900)**

# Conversions

## Conversions Part 1

Format	Color
Hex	976900
RGB	151, 105, 0
RGB Percent	59%, 41%, 0%
CMY	0.4078, 0.5882, 1.0000
CMYK	0.00, 0.30, 1.00, 0.41
HSL	42°, 100%, 30%
HSV	42°, 100%, 59%
XYZ	17.8141, 16.6825, 2.2811
YIQ	106.7840, 61.1210, -22.9030

# Conversions

## Conversions Part 2

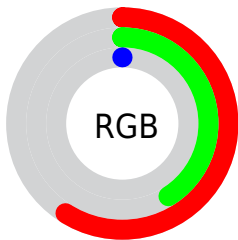
<b>Format</b>	<b>Color</b>
<b>RYB</b>	66, 151, 0
Decimal	9922816
CIELab	47.86, 10.89, 54.96
CIElCh	48, 56.033, 78.791
Yxy	16.6825, 0.4844, 0.4536
Android (android.graphics.Color)	4288112896 (0xFF976900)
YUV	106.7840, -52.6445, 38.7774
Hunter-Lab	40.8442, 6.3750, 25.2796

# Details

The Hex color **976900** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **002E97**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **D29C3E**, and **5F3A00** is the 20% darker color. If you saturate the color by 10%, you get **976900**, and if you desaturate by 10%, it is **976E0F**.

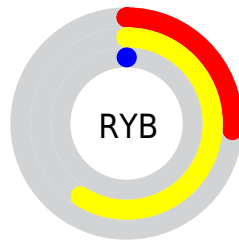
# Distribution



Red (59%)

Green (41%)

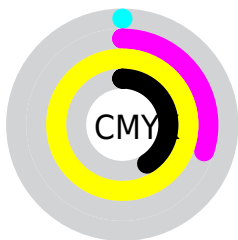
Blue (0%)



Red (26%)

Yellow (59%)

Blue (0%)

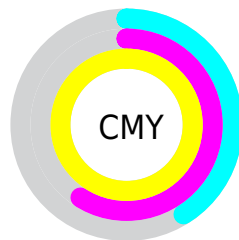


Cyan (0%)

Magenta (30%)

Yellow (100%)

Black (41%)



Cyan (41%)

Magenta (59%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 976900 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 976900 by changing the saturation by 10% instead.



 976900

 976900

FFFFFFE

 7A5100

 D29C3E

 5F3A00

 F0B758

 432500

 FFD272

 2A1100

 FFEF8D

 040000

 FFFFA8

 000000

 FFFFC4

 FFFFE1

 976900

 976E0F

 97721E

 97772D

 977B3C

 97804C

 97855B

 97896A

 978E79

 979288

# Harmonies

## Analogous

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



B7552B



976900



6C7800

# Triad

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



976900



00878F



9857B0

# Complementary

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



976900



002E97

# 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.



4B6DCC



976900



0085B8

# Square

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



976900



00865E



007CCF



BD4485

# Rectangle

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



976900



487F1F



007CCF



855FBC



# Sweetspot

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



976900



C4B289



970030



635940



E3E3E3



636363



# Same Dimension

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



976900



C48900



7B9700



4D4A45



8C6200



0D0900



# Inverse Universe

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



002E97



003CC4



1C0097



45474D



002B8C

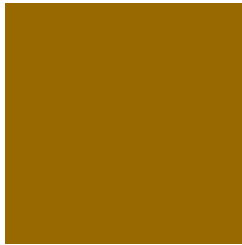


00040D



# Previews

## White Background



This preview shows how the Hex color 976900 looks on a white background.

## Color Contrast Check

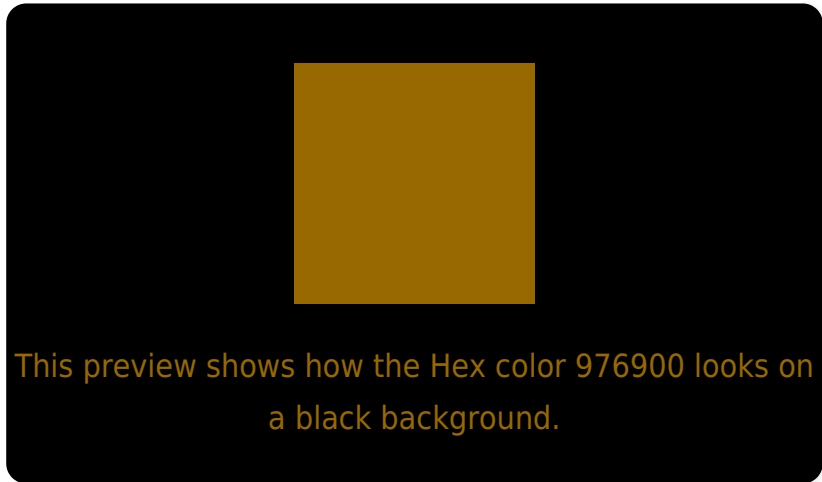
Large Text (above 18pt) WCAG AA ✓ Pass

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 976900 Background



This preview shows how black text looks on a background with the Hex color 976900.



This preview shows how white text looks on a background with the Hex color 976900.

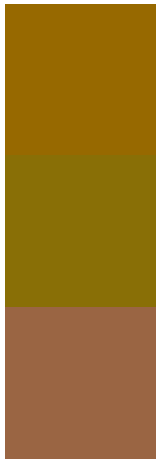
# Color Blindness Simulation

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



# Trichromacy



**Original Color**  
976900

**Protanomaly**  
896F06

**Tritanomaly**  
9A6543

# Monochromacy



**Original Color**  
976900

**Achromatopsia**  
6B6B6B

**Achromatomaly**  
7B6A44

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 976900 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 #976900 looks like.

```
.text, #text, p{  
    color:#976900  
}
```

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 #976900 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #976900
}
```

## Border

The CSS property to change the border of an element to Hex 976900 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
#976900 }
```

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

```
.border{ border-color:#976900 }
```

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

Here you see how a box with a 4 pixel #976900 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #976900; -webkit-box-shadow:4px 4px  
4px 4px #976900; box-shadow:4px 4px 4px  
4px #976900 }
```

# Background

The CSS property to change the background color of an element to Hex 976900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#976900 }
```

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

```
.background{ background-color:#976900 }
```

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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