

Converting Colors

Hex(976800)

Have a look what the booklet for
Hex(976800) contains.

Hex(976800)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(976800)

Conversions

Conversions Part 1

Format	Color
Hex	976800
RGB	151, 104, 0
RGB Percent	59%, 41%, 0%
CMY	0.4078, 0.5922, 1.0000
CMYK	0.00, 0.31, 1.00, 0.41
HSL	41°, 100%, 30%
HSV	41°, 100%, 59%
XYZ	17.7128, 16.4799, 2.2474
YIQ	106.1970, 61.3960, -22.3800

Conversions

Conversions Part 2

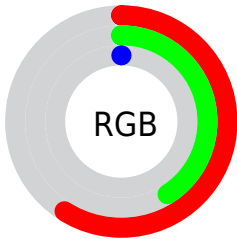
Format	Color
R _Y B	68, 151, 0
Decimal	9922560
CIE Lab	47.60, 11.47, 54.79
CIE LCh	48, 55.977, 78.179
Yxy	16.4799, 0.4861, 0.4522
Android (android.graphics.Color)	4288112640 (0xFF976800)
YUV	106.1970, -52.3551, 39.2922
Hunter-Lab	40.5955, 6.8418, 25.1345

Details

The Hex color **976800** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **002F97**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **D29B3E**, and **5F3900** is the 20% darker color. If you saturate the color by 10%, you get **976800**, and if you desaturate by 10%, it is **976D0F**.

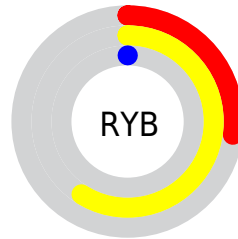
Distribution



Red (59%)

Green (41%)

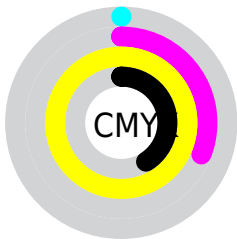
Blue (0%)



Red (27%)

Yellow (59%)

Blue (0%)

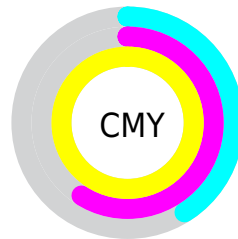


Cyan (0%)

Magenta (31%)

Yellow (100%)

Black (41%)



Cyan (41%)

Magenta (59%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 976800 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 976800 by changing the saturation by 10% instead.

 976800

 976800

FFFFFFE

 7A5000

 D29B3E

 5F3900

 F0B658

 432400

 FFD172

 2A1000

 FFED8D

 030000

 FFFFA8

 000000

 FFFFC4

 FFFFE1

 976800

 976D0F

 97711E

 97762D

 977B3C

 97804C

 97845B

 97896A

 978E79

 979288

Harmonies

Analogous

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



B6542B



976800



6C7700

Triad

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



976800



00878D



9757B0

Complementary

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



976800



002F97

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.



486CCB



976800



0084B7

Square

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



976800



00865C



007CCD



BC4486

Rectangle

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



976800



497E1E



007CCD



835EBC

Sweetspot

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



976800



C4B289



970030



635840



E3E3E3



636363

Same Dimension

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



976800



C48700



7B9700



4D4A45



8C6100



0D0900

Inverse Universe

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



002F97



003DC4



1C0097



45474D



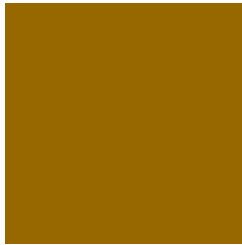
002C8C



00040D

Previews

White Background



This preview shows how the Hex color 976800 looks on a white background.

Color Contrast Check

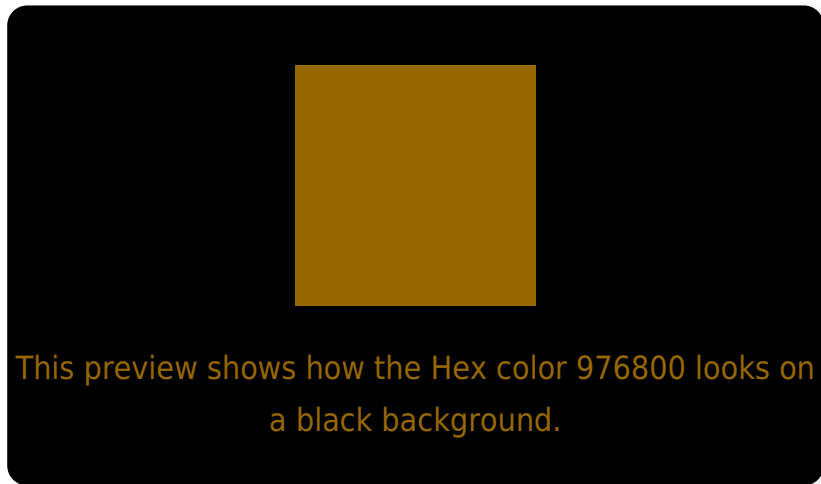
Large Text (above 18pt) WCAG AA ✓ Pass

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 976800 Background



This preview shows how black text looks on a background with the Hex color 976800.



This preview shows how white text looks on a background with the Hex color 976800.

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
976800

Protanopia
80720A

Deuteranopia
8F6C00

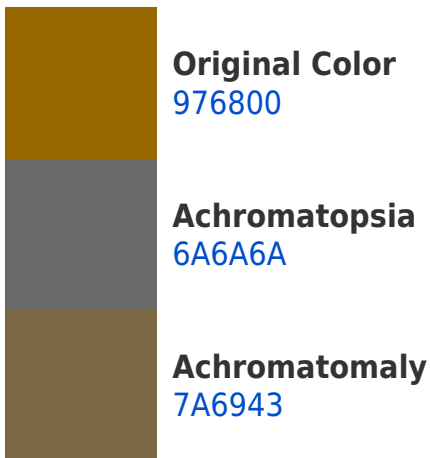


Tritanopia
9C6168

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 976800 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 #976800 looks like.

```
.text, #text, p{  
    color:#976800  
}
```

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 #976800 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #976800
}
```

Border

The CSS property to change the border of an element to Hex 976800 is called "border". The border property can be set on classes, ids or directly on the HTML element.

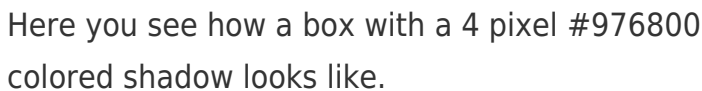
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#976800 }
```

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

```
.border{ border-color:#976800 }
```

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

A rectangular box with a 4px #976800 colored shadow. The box is white with a thin black border and a thick #976800 shadow on the right and bottom sides. The text inside the box reads: "Here you see how a box with a 4 pixel #976800 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #976800; -webkit-box-shadow:4px 4px  
4px 4px #976800; box-shadow:4px 4px 4px  
4px #976800 }
```

Background

The CSS property to change the background color of an element to Hex 976800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#976800 }
```

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

```
.background{ background-color:#976800 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor