

Converting Colors

Hex(976235)

Have a look what the booklet for
Hex(976235) contains.

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Color

Hex(976235)

Conversions

Conversions Part 1

Format	Color
Hex	976235
RGB	151, 98, 53
RGB Percent	59%, 38%, 21%
CMY	0.4078, 0.6157, 0.7922
CMYK	0.00, 0.35, 0.65, 0.41
HSL	28°, 48%, 40%
HSV	28°, 65%, 59%
XYZ	17.7728, 15.5717, 5.4371
YIQ	108.7170, 46.0330, -2.7590

Conversions

Conversions Part 2

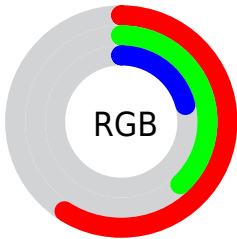
Format	Color
RYB	151, 136, 53
Decimal	9921077
CIELab	46.41, 16.92, 33.95
CIELCh	46, 37.933, 63.509
Yxy	15.5717, 0.4583, 0.4015
Android (android.graphics.Color)	4288111157 (0xFF976235)
YUV	108.7170, -27.4685, 37.0822
Hunter-Lab	39.4610, 11.3376, 19.4535

Details

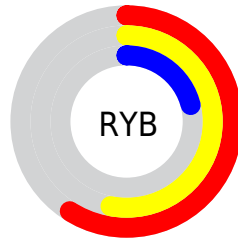
The Hex color **976235** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **356A97**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **D09565**, and **603306** is the 20% darker color. If you saturate the color by 10%, you get **975A26**, and if you desaturate by 10%, it is **976A44**.

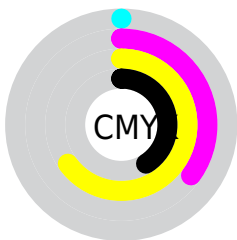
Distribution



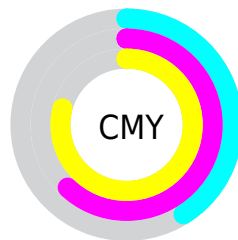
- Red (59%)
- Green (38%)
- Blue (21%)



- Red (59%)
- Yellow (53%)
- Blue (21%)



- Cyan (0%)
- Magenta (35%)
- Yellow (65%)
- Black (41%)



- Cyan (41%)
- Magenta (62%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 976235 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 976235 by changing the saturation by 10% instead.

 976235

 976235

FFFFFF

 7B4A1E

 D09565

 603306

 EEB07F

 461D00

 FFCB99

 2C0800

 FFE7B4

 040000

 FFFFD0

 000000

 FFFFEC

 976235

 976235

 975A26

 976A44

■ 975217

■ 977253

■ 974A08

■ 977A62

■ 974500

■ 978371

■ 978B81

■ 979390

■ 979B9F

■ 97A3AE

■ 97ABBD

Harmonies

Analogous

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



A7574D



976235



7D6D2C

Triad

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



976235



007E71



7564A3

Complementary

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



976235



356A97

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.



3B70AD



976235



007D90

Square

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



976235



307C50



0079A6



98588B

Rectangle

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



976235



687431



0079A6



6568A8

Sweetspot

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



976235



C4B09F



97356B



63574D



E3E3E3



636363

Same Dimension

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



976235



C4722B



979235



4D4845



8C4000



0D0600

Inverse Universe

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



356A97



2B7EC4



353A97



45494D



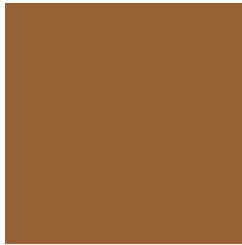
004C8C



00070D

Previews

White Background



This preview shows how the Hex color 976235 looks on a white background.

Color Contrast Check

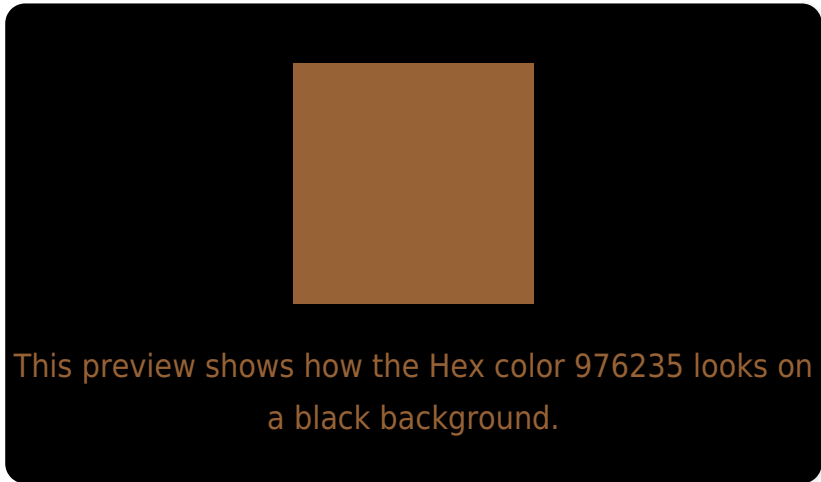
Large Text (above 18pt) WCAG AA ✓ Pass

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

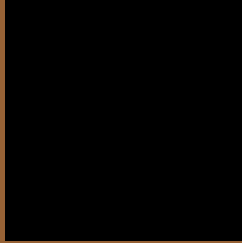
Any Text WCAG AA × Fail

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 976235 Background



This preview shows how black text looks on a background with the Hex color 976235.



This preview shows how white text looks on a background with the Hex color 976235.

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
976235

Protanopia
7A6E39

Deuteranopia
886933



Tritanopia
9A5D64

Trichromacy



Original Color
976235

Protanomaly
856A38

Deuteranomaly
8D6634

Tritanomaly
995F53

Monochromacy



Original Color
976235

Achromatopsia
6D6D6D

Achromatomaly
7C6959

CSS Examples

Text

The CSS property to change the color of the text to Hex 976235 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 #976235 looks like.

```
.text, #text, p{  
    color:#976235  
}
```

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 #976235 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #976235
}
```

Border

The CSS property to change the border of an element to Hex 976235 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".

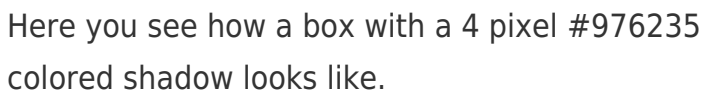
```
.border, #border, table{ border:4px solid
#976235 }
```

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

```
.border{ border-color:#976235 }
```

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

Here you see how a box with a 4 pixel #976235 colored shadow looks like.

A rectangular box with a brown border and a brown shadow. The box is white with a thin brown border on the top and left sides, and a thicker brown shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #976235; -webkit-box-shadow:4px 4px  
4px 4px #976235; box-shadow:4px 4px 4px  
4px #976235 }
```

Background

The CSS property to change the background color of an element to Hex 976235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#976235 }
```

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

```
.background{ background-color:#976235 }
```

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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