

# Converting Colors

Hex(976415)

Have a look what the booklet for  
Hex(976415) contains.

<b>Hex(976415)</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(976415)**

# Conversions

## Conversions Part 1

Format	Color
Hex	976415
RGB	151, 100, 21
RGB Percent	59%, 39%, 8%
CMY	0.4078, 0.6078, 0.9176
CMYK	0.00, 0.34, 0.86, 0.41
HSL	36°, 76%, 34%
HSV	36°, 86%, 59%
XYZ	17.4550, 15.7478, 2.8291
YIQ	106.2430, 55.7550, -13.7570

# Conversions

## Conversions Part 2

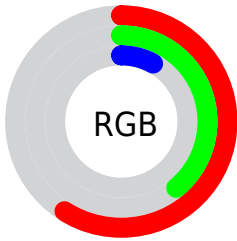
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	105, 151, 21
Decimal	9921557
CIE <sub>Lab</sub>	46.64, 14.20, 48.77
CIE <sub>LCh</sub>	47, 50.790, 73.769
Yxy	15.7478, 0.4844, 0.4371
Android (android.graphics.Color)	4288111637 (0xFF976415)
YUV	106.2430, -42.0248, 39.2519
Hunter-Lab	39.6835, 9.0682, 23.5515

# Details

The Hex color **976415** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **154897**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **D19749**, and **5F3500** is the 20% darker color. If you saturate the color by 10%, you get **975E06**, and if you desaturate by 10%, it is **976A24**.

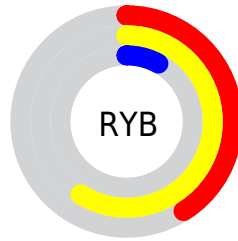
# Distribution



Red (59%)

Green (39%)

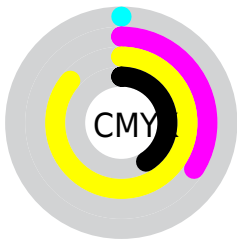
Blue (8%)



Red (41%)

Yellow (59%)

Blue (8%)

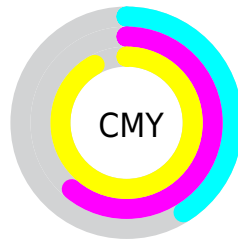


Cyan (0%)

Magenta (34%)

Yellow (86%)

Black (41%)



Cyan (41%)

Magenta (61%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 976415 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 976415 by changing the saturation by 10% instead.



 976415

 976415

FFFFFF

 7B4C00

 D19749

 5F3500

 EFB162

 442000

 FFCD7C

 2A0B00

 FFE997

 000000

 FFFFB2

 FFFFCE

 FFFFEB

 976415

 976415

■ 975E06

■ 976A24

■ 975C00

■ 977033

■ 977642

■ 977C51

■ 978261

■ 978870

■ 978D7F

■ 97938E

■ 97999D

# Harmonies

## Analogous

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



B25235



976415



72730D

# Triad

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



976415



008382



8A5AAD

# Complementary

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



976415



154897

# 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.



3D6DC2



976415



0081A9

# Square

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



976415



008155



007AC0



B04987

# Rectangle

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



976415



537920



007AC0



7661B6



# Sweetspot

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



976415



C4B091



971549



635745



E3E3E3



636363



# Same Dimension

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



976415



C47700



8A9715



4D4945



8C5500



0D0800



# Inverse Universe

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



154897



004DC4



221597



45484D



00378C

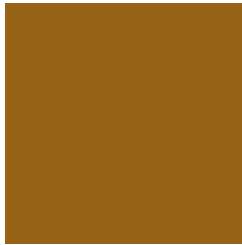


00050D



# Previews

## White Background



This preview shows how the Hex color 976415 looks on a white background.

## Color Contrast Check

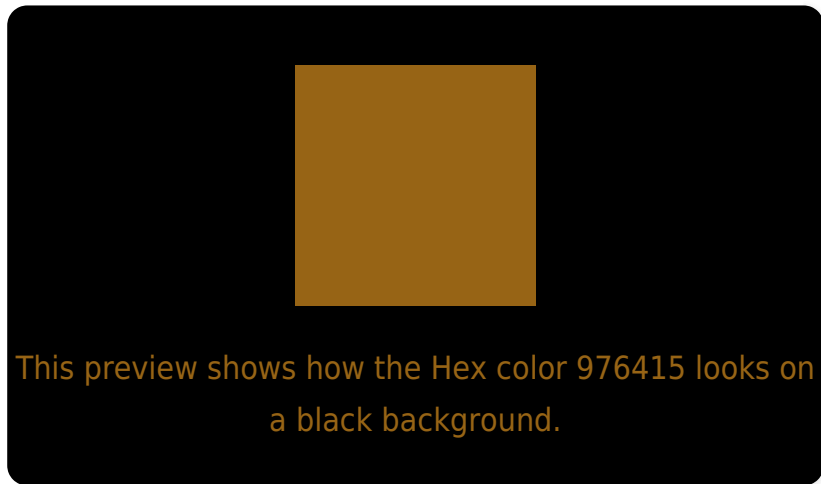
Large Text (above 18pt) WCAG AA ✓ Pass

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 976415 Background



This preview shows how black text looks on a background with the Hex color 976415.



This preview shows how white text looks on a background with the Hex color 976415.

# 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**  
976415

**Protanopia**  
7D6F18

**Deuteranopia**  
8C6911

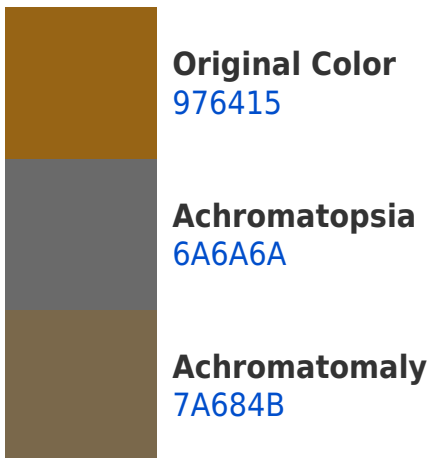


**Tritanopia**  
9B5D64

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 976415 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 #976415 looks like.

```
.text, #text, p{  
    color:#976415  
}
```

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 #976415 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #976415
}
```

## Border

The CSS property to change the border of an element to Hex 976415 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
#976415 }
```

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

```
.border{ border-color:#976415 }
```

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

Here you see how a box with a 4 pixel #976415 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #976415; -webkit-box-shadow:4px 4px  
4px 4px #976415; box-shadow:4px 4px 4px  
4px #976415 }
```

# Background

The CSS property to change the background color of an element to Hex 976415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#976415 }
```

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

```
.background{ background-color:#976415 }
```

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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