

# Converting Colors

Hex(936846)

Have a look what the booklet for  
Hex(936846) contains.

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**Color**

**Hex(936846)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	936846
RGB	147, 104, 70
RGB Percent	58%, 41%, 27%
CMY	0.4235, 0.5922, 0.7255
CMYK	0.00, 0.29, 0.52, 0.42
HSL	26°, 35%, 43%
HSV	26°, 52%, 58%
XYZ	18.0884, 16.5459, 8.0347
YIQ	112.9810, 36.5420, -1.4580

# Conversions

## Conversions Part 2

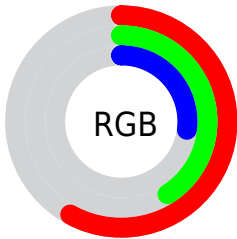
<b>Format</b>	<b>Color</b>
<b>RYB</b>	147, 131, 70
Decimal	9660486
CIELab	47.68, 13.11, 25.91
CIELCh	48, 29.036, 63.166
Yxy	16.5459, 0.4239, 0.3878
Android (android.graphics.Color)	4287850566 (0xFF936846)
YUV	112.9810, -21.1896, 29.8347
Hunter-Lab	40.6766, 8.1928, 16.7624

# Details

The Hex color **936846** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **467193**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **CB9B77**, and **5E3919** is the 20% darker color. If you saturate the color by 10%, you get **936037**, and if you desaturate by 10%, it is **937055**.

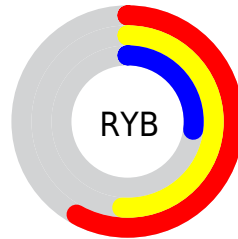
# Distribution



Red (58%)

Green (41%)

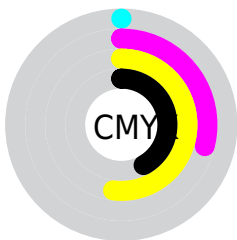
Blue (27%)



Red (58%)

Yellow (51%)

Blue (27%)

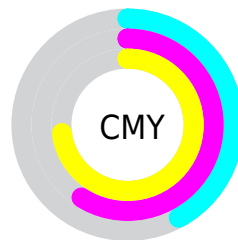


Cyan (0%)

Magenta (29%)

Yellow (52%)

Black (42%)



Cyan (42%)

Magenta (59%)

Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 936846 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 936846 by changing the saturation by 10% instead.



 936846

 936846

FFFFFF

 78502F

 CB9B77

 5E3919

 E8B691

 442300

 FFD2AB

 2B0F00

 FFEEC7

 080000

 FFFFEE3

 000000

 936846

 936846

 936037

 937055

 935829

 937863

■ 934F1A

■ 938172

■ 93470B

■ 938981

■ 934100

■ 939190

■ 93999E

■ 93A1AD

■ 93AABC

■ 93B2CA

# Harmonies

## Analogous

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



9F6158



936846



7F7140

# Triad

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



936846



237E73



776A9A

# Complementary

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



936846



467193

# 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.



5173A2



936846



007D8B

# Square

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



936846



477C5A



227A9C



926288

# Rectangle

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



936846



6E7543



227A9C



6C6D9E



# Sweetspot

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



936846



BFAEA1



934672



61574E



E0E0E0



616161



# Same Dimension

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



936846



BF7C47



938E46



4A4643



8A3D00



0A0500



# Inverse Universe

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



467193



478ABF



464B93



43474A



004D8A

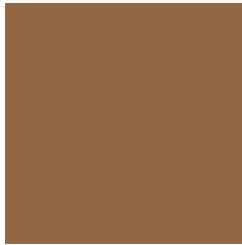


00060A



# Previews

## White Background



This preview shows how the Hex color 936846 looks on a white background.

## Color Contrast Check

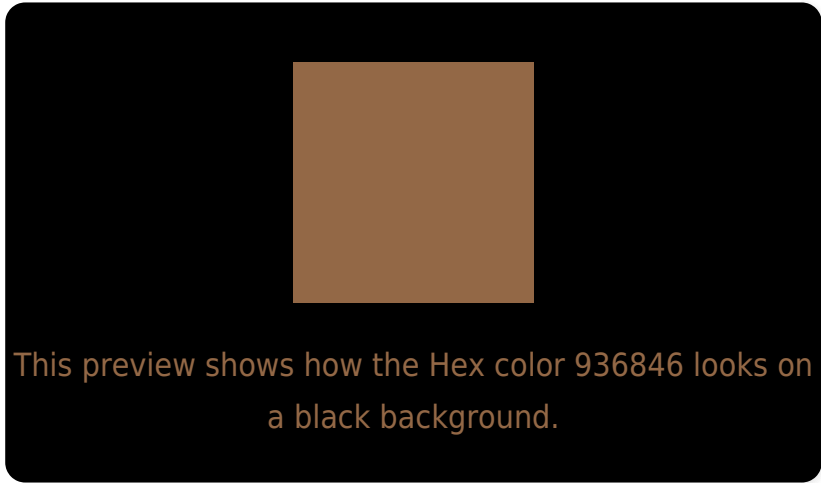
Large Text (above 18pt) WCAG AA ✓ Pass

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 936846 Background



This preview shows how black text looks on a background with the Hex color 936846.



This preview shows how white text looks on a background with the Hex color 936846.

# 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**  
936846

**Protanopia**  
7B714A

**Deuteranopia**  
896C45



**Tritanopia**  
96636B

# Trichromacy



**Original Color**  
936846

**Protanomaly**  
846E49

**Deuteranomaly**  
8D6B45

**Tritanomaly**  
95655E

# Monochromacy



**Original Color**  
936846

**Achromatopsia**  
717171

**Achromatomaly**  
7D6E61

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 936846 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 #936846 looks like.

```
.text, #text, p{  
    color:#936846  
}
```

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 #936846 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #936846
}
```

## Border

The CSS property to change the border of an element to Hex 936846 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".

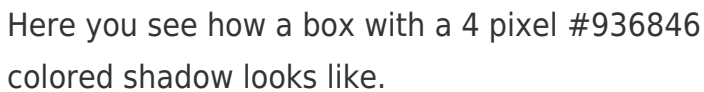
```
.border, #border, table{ border:4px solid
#936846 }
```

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

```
.border{ border-color:#936846 }
```

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

Here you see how a box with a 4 pixel #936846 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #936846; -webkit-box-shadow:4px 4px  
4px 4px #936846; box-shadow:4px 4px 4px  
4px #936846 }
```

# Background

The CSS property to change the background color of an element to Hex 936846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#936846 }
```

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

```
.background{ background-color:#936846 }
```

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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