

# Converting Colors

Hex(936C40)

Have a look what the booklet for  
Hex(936C40) contains.

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**Color**

**Hex(936C40)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	936C40
RGB	147, 108, 64
RGB Percent	58%, 42%, 25%
CMY	0.4235, 0.5765, 0.7490
CMYK	0.00, 0.27, 0.56, 0.42
HSL	32°, 39%, 41%
HSV	32°, 56%, 58%
XYZ	18.3206, 17.2983, 7.2238
YIQ	114.6450, 37.3680, -5.4160

# Conversions

## Conversions Part 2

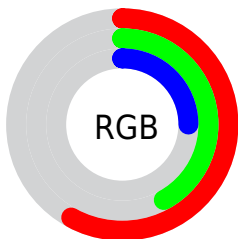
<b>Format</b>	<b>Color</b>
<b>RYB</b>	138, 147, 64
Decimal	9661504
CIELab	48.63, 10.23, 30.47
CIELCh	49, 32.145, 71.438
Yxy	17.2983, 0.4276, 0.4038
Android (android.graphics.Color)	4287851584 (0xFF936C40)
YUV	114.6450, -24.9680, 28.3753
Hunter-Lab	41.5913, 5.8430, 18.8161

# Details

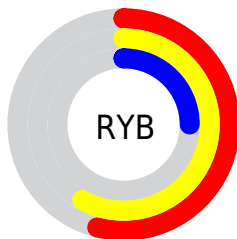
The Hex color **936C40** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **406793**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **CB9F71**, and **5D3D13** is the 20% darker color. If you saturate the color by 10%, you get **936531**, and if you desaturate by 10%, it is **93734F**.

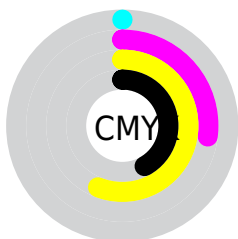
# Distribution



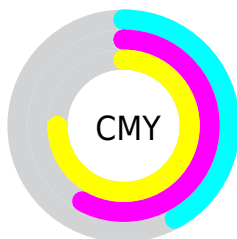
- Red (58%)
- Green (42%)
- Blue (25%)



- Red (54%)
- Yellow (58%)
- Blue (25%)



- Cyan (0%)
- Magenta (27%)
- Yellow (56%)
- Black (42%)



- Cyan (42%)
- Magenta (58%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 936C40 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 936C40 by changing the saturation by 10% instead.



 936C40

 936C40

FFFFFF

 785429

 CB9F71

 5D3D13

 E8BA8B

 442700

 FFD6A5

 2B1300

 FFF2C0

 0B0000

 FFFFDC

 000000

 FFFFF9

 936C40

 936C40

 936531

 93734F

■ 935E23

■ 937A5D

■ 935714

■ 93816C

■ 935005

■ 93887B

■ 934E00

■ 938F8A

■ 939598

■ 939CA7

■ 93A3B6

■ 93AAC4

# Harmonies

## Analogous

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



A36351



936C40



7B753D

# Triad

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



936C40



00827D



84699C

# Complementary

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



936C40



406793

# 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.



5C73A9



936C40



008097

# Square

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



936C40



388161



227BA7



9D6085

# Rectangle

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



936C40



677A44



227BA7



786CA2



# Sweetspot

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



936C40



BFB09F



934068



61584E



E0E0E0



616161



# Same Dimension

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



936C40



BF823D



929340



4A4643



8A4900



0A0500



# Inverse Universe

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



406793



3D7ABF



414093



43464A



00418A

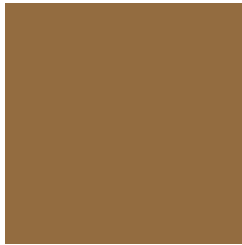


00050A



# Previews

## White Background



This preview shows how the Hex color 936C40 looks on a white background.

## Color Contrast Check

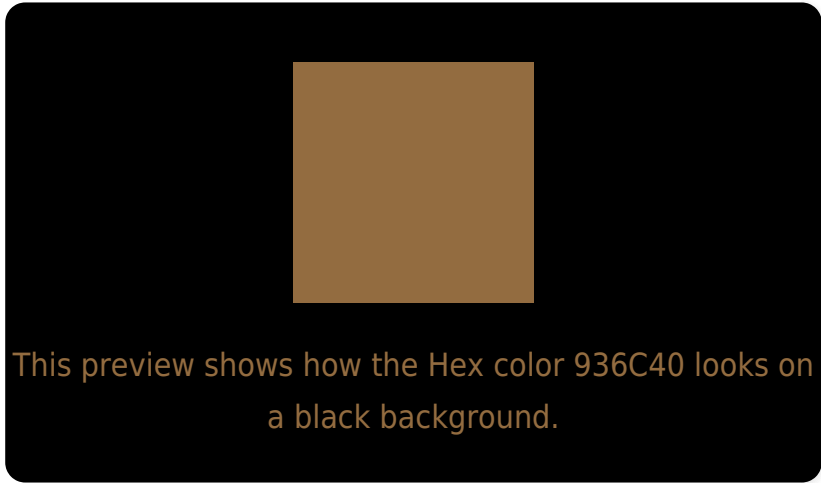
Large Text (above 18pt) WCAG AA ✓ Pass

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

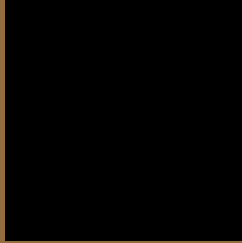
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 936C40 Background



This preview shows how black text looks on a background with the Hex color 936C40.



This preview shows how white text looks on a background with the Hex color 936C40.

# 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**  
936C40

**Protanopia**  
7F7443

**Deuteranopia**  
8E6E3F



**Tritanopia**  
97666E

# Trichromacy



**Original Color**  
936C40

**Protanomaly**  
867142

**Deuteranomaly**  
906D3F

**Tritanomaly**  
96685D

# Monochromacy



**Original Color**  
936C40

**Achromatopsia**  
737373

**Achromatomaly**  
7F7060

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 936C40 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 #936C40 looks like.

```
.text, #text, p{  
    color:#936C40  
}
```

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 #936C40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #936C40
}
```

## Border

The CSS property to change the border of an element to Hex 936C40 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
#936C40 }
```

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

```
.border{ border-color:#936C40 }
```

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

Here you see how a box with a 4 pixel #936C40 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #936C40; -webkit-box-shadow:4px 4px  
4px 4px #936C40; box-shadow:4px 4px 4px  
4px #936C40 }
```

# Background

The CSS property to change the background color of an element to Hex 936C40 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#936C40 }
```

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

```
.background{ background-color:#936C40 }
```

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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