

# Converting Colors

Hex(936642)

Have a look what the booklet for  
Hex(936642) contains.

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**Color**

**Hex(936642)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	936642
RGB	147, 102, 66
RGB Percent	58%, 40%, 26%
CMY	0.4235, 0.6000, 0.7412
CMYK	0.00, 0.31, 0.55, 0.42
HSL	27°, 38%, 42%
HSV	27°, 55%, 58%
XYZ	17.7674, 16.0991, 7.3253
YIQ	111.3510, 38.3760, -1.6560

# Conversions

## Conversions Part 2

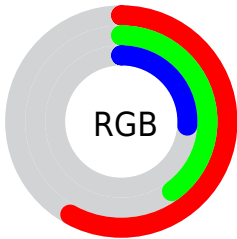
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	147, 131, 66
Decimal	9659970
CIE <sub>Lab</sub>	47.10, 13.89, 27.46
CIE <sub>LCh</sub>	47, 30.771, 63.170
Yxy	16.0991, 0.4313, 0.3908
Android (android.graphics.Color)	4287850050 (0xFF936642)
YUV	111.3510, -22.3580, 31.2642
Hunter-Lab	40.1237, 8.8258, 17.2622




# Details

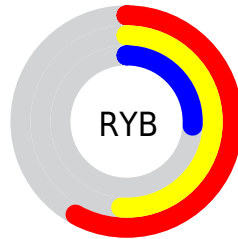
The Hex color **936642** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **426F93**, and the grayscale version is **707070**.




A 20% lighter version of the original color is **CB9973**, and **5D3715** is the 20% darker color. If you saturate the color by 10%, you get **935E33**, and if you desaturate by 10%, it is **936E51**.

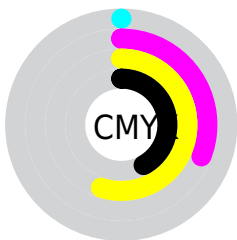
# Distribution







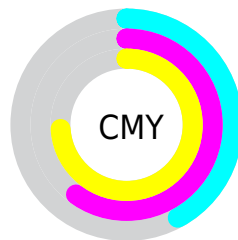
-  Red (58%)
-  Green (40%)
-  Blue (26%)






-  Red (58%)
-  Yellow (51%)
-  Blue (26%)



-  Cyan (0%)
-  Magenta (31%)
-  Yellow (55%)
-  Black (42%)



-  Cyan (42%)
-  Magenta (60%)
-  Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 936642 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 936642 by changing the saturation by 10% instead.



 936642

 936642

FFFFFF

 784E2B

 CB9973

 5D3715

 E8B48C

 442100

 FFCFA7

 2B0D00

 FFECC2

 040000

 FFFFDE

 000000

 FFFFFB

 936642

 936642

 935E33

 936E51

■ 935625

■ 93765F

■ 934E16

■ 937F6E

■ 934507

■ 93877D

■ 934100

■ 938F8B

■ 93979A

■ 939FA9

■ 93A7B8

■ 93B0C6

# Harmonies

## Analogous

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



A05E55



936642



7D6F3B

# Triad

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



936642



147D72



76689B

# Complementary

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



936642



426F93

# 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.



4D71A3



936642



007C8B

# Square

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



936642



427B57



0E799D



925F87

# Rectangle

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



936642



6C743F



0E799D



6A6B9F



# Sweetspot

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



936642



BFAD9F



934270



61564E



E0E0E0



616161



# Same Dimension

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



936642



BF7941



938E42



4A4643



8A3D00



0A0500



# Inverse Universe

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



426F93



4187BF



424793



43474A



004C8A



00060A



# Previews

## White Background



This preview shows how the Hex color 936642 looks on a white background.

## Color Contrast Check

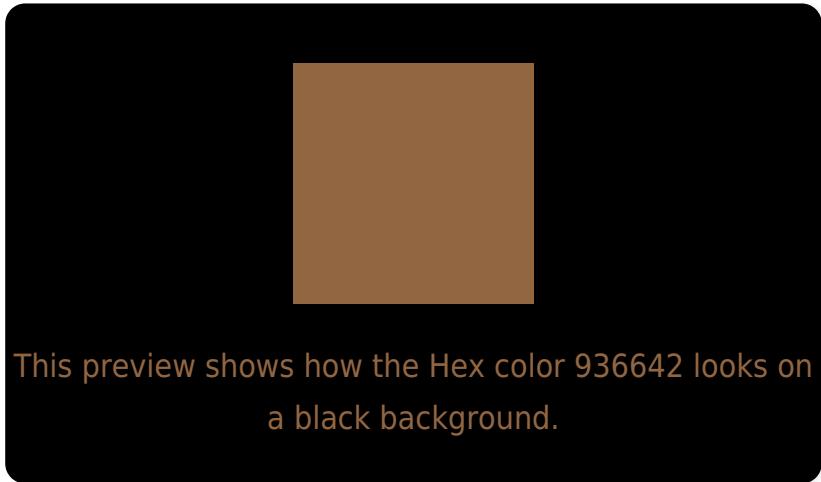
Large Text (above 18pt) WCAG AA ✓ Pass

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

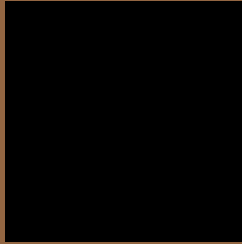
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 936642 Background



This preview shows how black text looks on a background with the Hex color 936642.



This preview shows how white text looks on a background with the Hex color 936642.

# 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**  
936642

**Protanopia**  
7A7046

**Deuteranopia**  
886B41



**Tritanopia**  
966169

# Trichromacy



**Original Color**  
936642

**Protanomaly**  
836C45

**Deuteranomaly**  
8C6941

**Tritanomaly**  
95635B

# Monochromacy



**Original Color**  
936642

**Achromatopsia**  
6F6F6F

**Achromatomaly**  
7C6C5F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 936642 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 #936642 looks like.

```
.text, #text, p{  
    color:#936642  
}
```

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 #936642 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #936642
}
```

## Border

The CSS property to change the border of an element to Hex 936642 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
#936642 }
```

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

```
.border{ border-color:#936642 }
```

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

Here you see how a box with a 4 pixel #936642 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #936642; -webkit-box-shadow:4px 4px  
4px 4px #936642; box-shadow:4px 4px 4px  
4px #936642 }
```

# Background

The CSS property to change the background color of an element to Hex 936642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#936642 }
```

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

```
.background{ background-color:#936642 }
```

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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