

Converting Colors

Hex(936949)

Have a look what the booklet for
Hex(936949) contains.

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Color

Hex(936949)

Conversions

Conversions Part 1

Format	Color
Hex	936949
RGB	147, 105, 73
RGB Percent	58%, 41%, 29%
CMY	0.4235, 0.5882, 0.7137
CMYK	0.00, 0.29, 0.50, 0.42
HSL	26°, 34%, 43%
HSV	26°, 50%, 58%
XYZ	18.2868, 16.7872, 8.5798
YIQ	113.9100, 35.3040, -1.0480

Conversions

Conversions Part 2

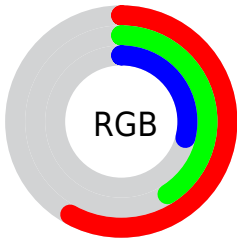
Format	Color
RYB	147, 129, 73
Decimal	9660745
CIELab	47.99, 12.83, 24.59
CIELCh	48, 27.730, 62.449
Yxy	16.7872, 0.4189, 0.3846
Android (android.graphics.Color)	4287850825 (0xFF936949)
YUV	113.9100, -20.1686, 29.0199
Hunter-Lab	40.9722, 7.9670, 16.2650

Details

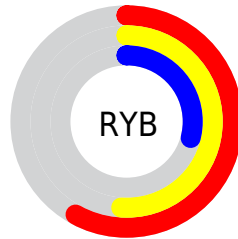
The Hex color **936949** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **497393**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **CB9C7A**, and **5E3A1C** is the 20% darker color. If you saturate the color by 10%, you get **93613A**, and if you desaturate by 10%, it is **937158**.

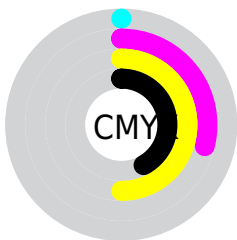
Distribution



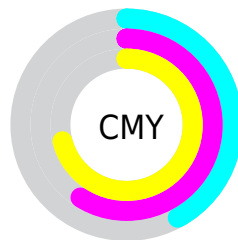
- Red (58%)
- Green (41%)
- Blue (29%)



- Red (58%)
- Yellow (51%)
- Blue (29%)



- Cyan (0%)
- Magenta (29%)
- Yellow (50%)
- Black (42%)



- Cyan (42%)
- Magenta (59%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 936949 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 936949 by changing the saturation by 10% instead.

 936949

 936949

FFFFFF

 785132

 CB9C7A

 5E3A1C

 E8B794

 452404

 FFD3AF

 2C1000

 FFEFCA

 0B0000

 FFFFEE

 000000

 936949

 936949

 93613A

 937158

 93582C

 937A66

■ 93501D

■ 938275

■ 93480E

■ 938A84

■ 934000

■ 939393

■ 939BA1

■ 93A3B0

■ 93ACBF

■ 93B4CD

Harmonies

Analogous

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



9E625A



936949



807143

Triad

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



936949



2B7E73



776B99

Complementary

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



936949



497393

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.



5374A0



936949



107E8A

Square

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



936949



4B7C5C



2A7A9B



916388

Rectangle

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



936949



6F7646



2A7A9B



6C6E9D

Sweetspot

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



936949



BFAFA3



934974



61574F



E0E0E0



616161

Same Dimension

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



936949



BF7E4D



938D49



4A4643



8A3C00



0A0400

Inverse Universe

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



497393



4D8EBF



494F93



43474A



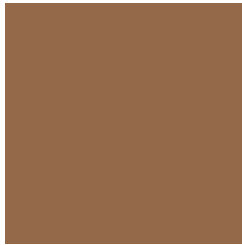
004E8A



00060A

Previews

White Background



This preview shows how the Hex color 936949 looks on a white background.

Color Contrast Check

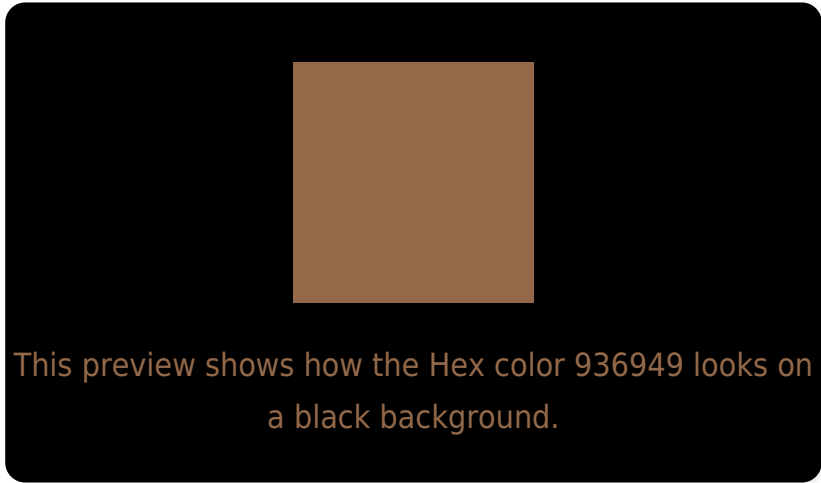
Large Text (above 18pt) WCAG AA ✓ Pass

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

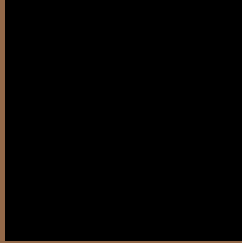
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

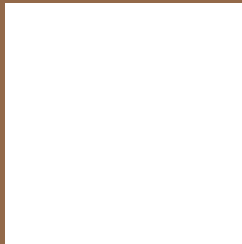
Any Text WCAG AAA × Fail

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

Hex 936949 Background



This preview shows how black text looks on a background with the Hex color 936949.



This preview shows how white text looks on a background with the Hex color 936949.

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
936949

Protanopia
7C724D

Deuteranopia
8A6D48



Tritanopia
96656C

Trichromacy



Original Color
936949

Protanomaly
846F4C

Deuteranomaly
8D6C48

Tritanomaly
95665F

Monochromacy



Original Color
936949

Achromatopsia
727272

Achromatomaly
7E6F63

CSS Examples

Text

The CSS property to change the color of the text to Hex 936949 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 #936949 looks like.

```
.text, #text, p{  
    color:#936949  
}
```

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 #936949 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #936949
}
```

Border

The CSS property to change the border of an element to Hex 936949 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
#936949 }
```

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

```
.border{ border-color:#936949 }
```

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

Here you see how a box with a 4 pixel #936949 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #936949; -webkit-box-shadow:4px 4px  
4px 4px #936949; box-shadow:4px 4px 4px  
4px #936949 }
```

Background

The CSS property to change the background color of an element to Hex 936949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#936949 }
```

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

```
.background{ background-color:#936949 }
```

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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