

# Converting Colors

Hex(936956)

Have a look what the booklet for  
Hex(936956) contains.

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**Color**

**Hex(936956)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	936956
RGB	147, 105, 86
RGB Percent	58%, 41%, 34%
CMY	0.4235, 0.5882, 0.6627
CMYK	0.00, 0.29, 0.41, 0.42
HSL	19°, 26%, 46%
HSV	19°, 41%, 58%
XYZ	18.7639, 16.9781, 11.0922
YIQ	115.3920, 31.1310, 2.9950

# Conversions

## Conversions Part 2

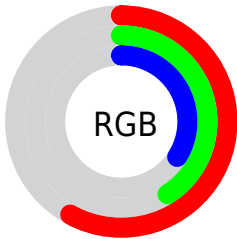
<b>Format</b>	<b>Color</b>
<b>RYB</b>	147, 114, 86
Decimal	9660758
CIELab	48.23, 14.27, 17.34
CIElCh	48, 22.458, 50.536
Yxy	16.9781, 0.4006, 0.3625
Android (android.graphics.Color)	4287850838 (0xFF936956)
YUV	115.3920, -14.4903, 27.7202
Hunter-Lab	41.2045, 9.1785, 12.8823

# Details

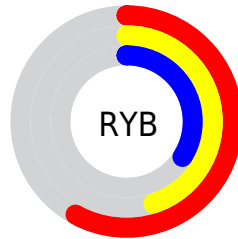
The Hex color **936956** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **568093**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **CA9C88**, and **5E3A29** is the 20% darker color. If you saturate the color by 10%, you get **935F47**, and if you desaturate by 10%, it is **937365**.

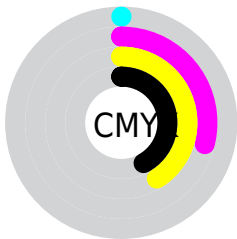
# Distribution



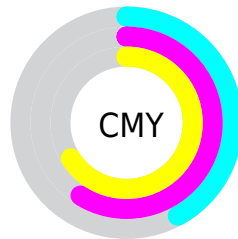
- Red (58%)
- Green (41%)
- Blue (34%)



- Red (58%)
- Yellow (45%)
- Blue (34%)



- Cyan (0%)
- Magenta (29%)
- Yellow (41%)
- Black (42%)



- Cyan (42%)
- Magenta (59%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 936956 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 936956 by changing the saturation by 10% instead.



 936956

 936956

FFFFFF

 78513F

 CA9C88

 5E3A29

 E7B7A2

 452414

 FFD3BD

 2E0F00

 FFEFD9

 100000

 FFFFF5

 000000

 936956

 936956

 935F47

 937365

 935539

 937D73

 934B2A

 938782

 93411B

 939191

 93360C

 939C9F

 932E00

 93A6AE

 93B0BD

 93BACC

 93C4DA

# Harmonies

## Analogous

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



996566



936956



856F4D

# Triad

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



936956



477D6C



6D7096

# Complementary

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



936956



568093

# 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.



517697



936956



377D7F

# Square

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



936956



5D7A5A



3A7B8F



85698B

# Rectangle

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



936956



79734D



3A7B8F



647298



# Sweetspot

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



936956



BFAFA8



935681



615853



E0E0E0



616161



# Same Dimension

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



936956



BF7D60



938756



4A4543



8A2B00



0A0300



# Inverse Universe

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



568093



60A1BF



566293



43484A



005F8A



00070A



# Previews

## White Background



This preview shows how the Hex color 936956 looks on a white background.

## Color Contrast Check

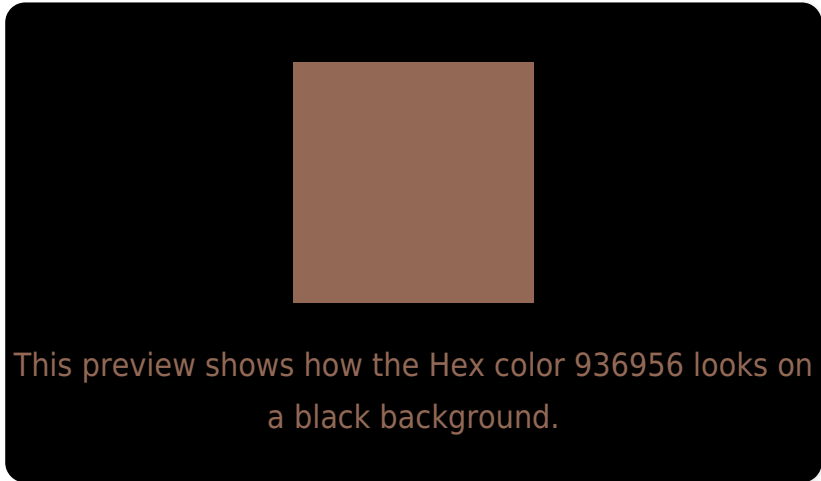
Large Text (above 18pt) WCAG AA ✓ Pass

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 936956 Background



This preview shows how black text looks on a background with the Hex color 936956.



This preview shows how white text looks on a background with the Hex color 936956.

# 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**  
936956

**Protanopia**  
7A735A

**Deuteranopia**  
886E55



**Tritanopia**  
95666D

# Trichromacy



**Original Color**  
936956

**Protanomaly**  
836F59

**Deuteranomaly**  
8C6C55

**Tritanomaly**  
946765

# Monochromacy



**Original Color**  
936956

**Achromatopsia**  
737373

**Achromatomaly**  
7F6F68

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 936956 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 #936956 looks like.

```
.text, #text, p{  
    color:#936956  
}
```

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 #936956 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #936956
}
```

## Border

The CSS property to change the border of an element to Hex 936956 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
#936956 }
```

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

```
.border{ border-color:#936956 }
```

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

Here you see how a box with a 4 pixel #936956 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #936956; -webkit-box-shadow:4px 4px  
4px 4px #936956; box-shadow:4px 4px 4px  
4px #936956 }
```

# Background

The CSS property to change the background color of an element to Hex 936956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#936956 }
```

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

```
.background{ background-color:#936956 }
```

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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