

# Converting Colors

Hex(936951)

Have a look what the booklet for  
Hex(936951) contains.

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**Color**

**Hex(936951)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	936951
RGB	147, 105, 81
RGB Percent	58%, 41%, 32%
CMY	0.4235, 0.5882, 0.6824
CMYK	0.00, 0.29, 0.45, 0.42
HSL	22°, 29%, 45%
HSV	22°, 45%, 58%
XYZ	18.5694, 16.9003, 10.0679
YIQ	114.8220, 32.7360, 1.4400

# Conversions

## Conversions Part 2

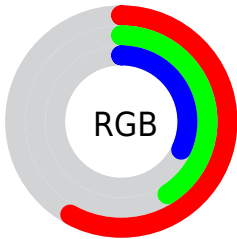
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	147, 119, 81
Decimal	9660753
CIE <sub>Lab</sub>	48.13, 13.69, 20.14
CIE <sub>LCh</sub>	48, 24.349, 55.794
Yxy	16.9003, 0.4078, 0.3711
Android (android.graphics.Color)	4287850833 (0xFF936951)
YUV	114.8220, -16.6742, 28.2201
Hunter-Lab	41.1099, 8.6862, 14.2567

# Details

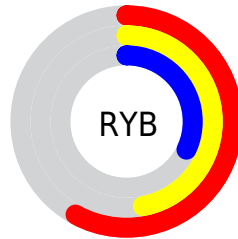
The Hex color **936951** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **517B93**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **CB9C83**, and **5E3A24** is the 20% darker color. If you saturate the color by 10%, you get **936042**, and if you desaturate by 10%, it is **937260**.

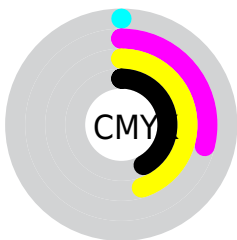
# Distribution



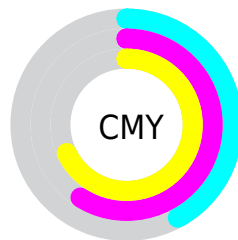
- Red (58%)
- Green (41%)
- Blue (32%)



- Red (58%)
- Yellow (47%)
- Blue (32%)



- Cyan (0%)
- Magenta (29%)
- Yellow (45%)
- Black (42%)



- Cyan (42%)
- Magenta (59%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 936951 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 936951 by changing the saturation by 10% instead.



 936951

 936951

FFFFFF

 78513A

 CB9C83

 5E3A24

 E7B79D

 45240F

 FFD3B8

 2D0F00

 FFEFD3

 0E0000

 FFFFF0

 000000

 936951

 936951

 936042

 937260

 935634

 937C6E

 934D25

 93857D

 934416

 938E8C

 933A08

 93989B

 933500

 93A1A9

 93AAB8

 93B4C7

 93BDD5

# Harmonies

## Analogous

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



9B6461



936951



837049

# Triad

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



936951



3E7D6F



716E97

# Complementary

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



936951



517B93

# 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.



52759B



936951



2D7D83

# Square

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



936951



567B5B



357A94



8A678A

# Rectangle

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



936951



75744A



357A94



67709A



# Sweetspot

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



936951



BFAFA6



93517C



615751



E0E0E0



616161



# Same Dimension

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



936951



BF7E58



938951



4A4543



8A3200



0A0400



# Inverse Universe

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



517B93



589ABF



515B93



43474A



00588A



00060A



# Previews

## White Background



This preview shows how the Hex color 936951 looks on a white background.

## Color Contrast Check

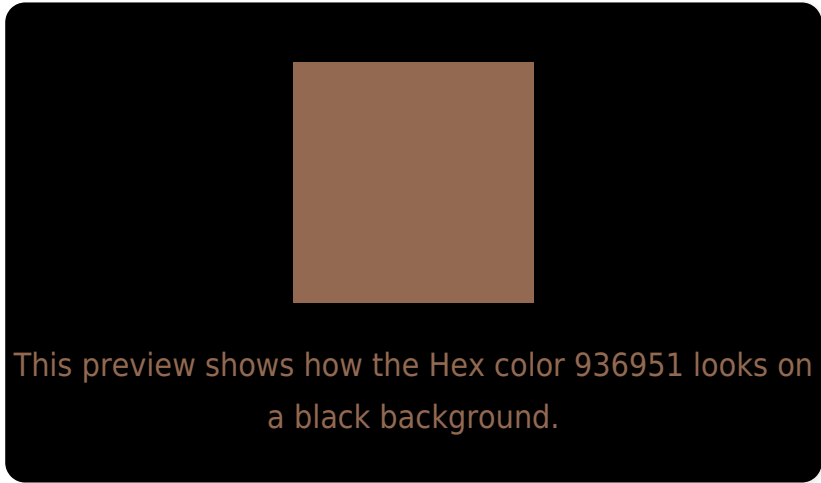
Large Text (above 18pt) WCAG AA ✓ Pass

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 936951 Background



This preview shows how black text looks on a background with the Hex color 936951.



This preview shows how white text looks on a background with the Hex color 936951.

# 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**  
936951

**Protanopia**  
7B7255

**Deuteranopia**  
896E50



**Tritanopia**  
95656D

# Trichromacy



**Original Color**  
936951

**Protanomaly**  
846F54

**Deuteranomaly**  
8D6C50

**Tritanomaly**  
946663

# Monochromacy



**Original Color**  
936951

**Achromatopsia**  
737373

**Achromatomaly**  
7F6F67

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 936951 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 #936951 looks like.

```
.text, #text, p{  
    color:#936951  
}
```

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 #936951 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #936951  
}
```

## Border

The CSS property to change the border of an element to Hex 936951 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  
#936951 }
```

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

```
.border{ border-color:#936951 }
```

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

Here you see how a box with a 4 pixel #936951 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #936951; -webkit-box-shadow:4px 4px  
4px 4px #936951; box-shadow:4px 4px 4px  
4px #936951 }
```

# Background

The CSS property to change the background color of an element to Hex 936951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#936951 }
```

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

```
.background{ background-color:#936951 }
```

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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