

# Converting Colors

Hex(938153)

Have a look what the booklet for  
Hex(938153) contains.

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**Color**

**Hex(938153)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	938153
RGB	147, 129, 83
RGB Percent	58%, 51%, 33%
CMY	0.4235, 0.4941, 0.6745
CMYK	0.00, 0.12, 0.44, 0.42
HSL	43°, 28%, 45%
HSV	43°, 44%, 58%
XYZ	21.4442, 22.5281, 11.4017
YIQ	129.1380, 25.4940, -10.4900

# Conversions

## Conversions Part 2

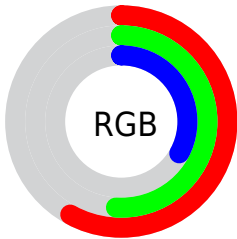
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	108, 147, 83
Decimal	9666899
CIE <sub>Lab</sub>	54.58, 0.15, 27.43
CIE <sub>LCh</sub>	55, 27.426, 89.684
Yxy	22.5281, 0.3873, 0.4068
Android (android.graphics.Color)	4287856979 (0xFF938153)
YUV	129.1380, -22.7460, 15.6650
Hunter-Lab	47.4638, -2.4150, 18.9820

# Details

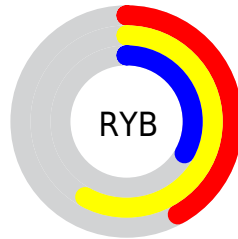
The Hex color **938153** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **536593**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **CAB685**, and **5F5025** is the 20% darker color. If you saturate the color by 10%, you get **937D44**, and if you desaturate by 10%, it is **938562**.

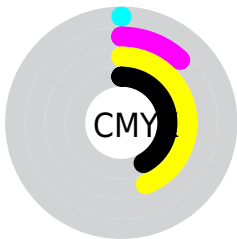
# Distribution



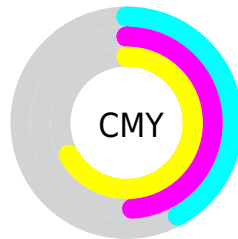
- Red (58%)
- Green (51%)
- Blue (33%)



- Red (42%)
- Yellow (58%)
- Blue (33%)



- Cyan (0%)
- Magenta (12%)
- Yellow (44%)
- Black (42%)



- Cyan (42%)
- Magenta (49%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 938153 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 938153 by changing the saturation by 10% instead.





938153



938153

FFFFFF



79683B



CAB685



5F5025



E7D1A0



46390F



FFEEBB



2F2400



FFFFD7



160F00



FFFFF3



000000



938153



938153



937D44



938562



937936



938970

 937527

 938D7F

 937018

 93928E

 936C0A

 93969D

 936A00

 939AAB

 939EBA

 93A2C9

 93A6D7

# Harmonies

## Analogous

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



A6795A



938153



7A8859

# Triad

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



938153



308F99



A0759B

# Complementary

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



938153



536593

# 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.



857DAC



938153



3E8BAB

# Square

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



938153



428F81



6285B2



AF7184

# Rectangle

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



938153



688C63



6285B2



9977A1



# Sweetspot

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



938153



BFB8A6



935365



615D51



E0E0E0



616161



# Same Dimension

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



938153



BFA35C



859353



4A4843



8A6300



0A0700



# Inverse Universe

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



536593



5C78BF



615393



43454A



00278A



00030A



# Previews

## White Background



This preview shows how the Hex color 938153 looks on a white background.

## Color Contrast Check

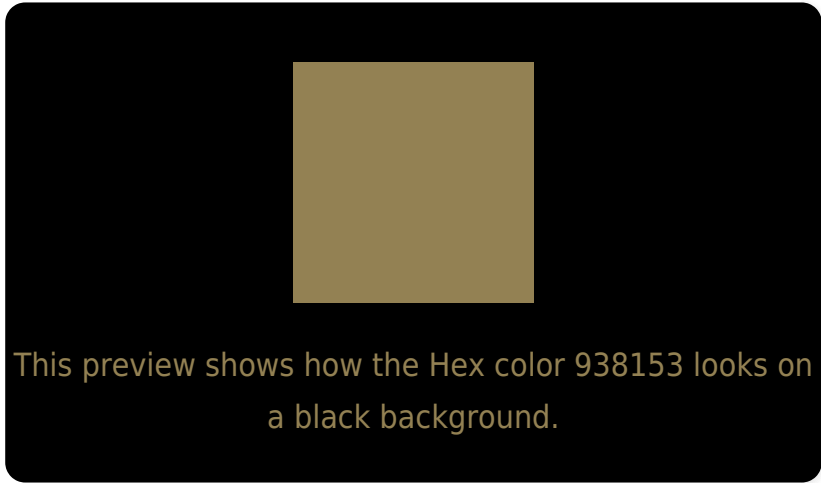
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

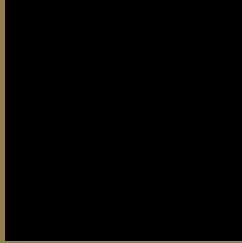
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 938153 Background



This preview shows how black text looks on a background with the Hex color 938153.



This preview shows how white text looks on a background with the Hex color 938153.

# 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**  
938153

**Protanopia**  
8E8354

**Deuteranopia**  
9D7D54



**Tritanopia**  
987B84

# Trichromacy



**Original Color**  
938153

**Protanomaly**  
908254

**Deuteranomaly**  
997E54

**Tritanomaly**  
967D72

# Monochromacy



**Original Color**  
938153

**Achromatopsia**  
818181

**Achromatomaly**  
888170

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 938153 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 #938153 looks like.

```
.text, #text, p{  
    color:#938153  
}
```

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 #938153 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #938153
}
```

## Border

The CSS property to change the border of an element to Hex 938153 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
#938153 }
```

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

```
.border{ border-color:#938153 }
```

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

Here you see how a box with a 4 pixel #938153 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #938153; -webkit-box-shadow:4px 4px  
4px 4px #938153; box-shadow:4px 4px 4px  
4px #938153 }
```

# Background

The CSS property to change the background color of an element to Hex 938153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#938153 }
```

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

```
.background{ background-color:#938153 }
```

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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