

# Converting Colors

Hex(938066)

Have a look what the booklet for  
Hex(938066) contains.

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**Color**

**Hex(938066)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	938066
RGB	147, 128, 102
RGB Percent	58%, 50%, 40%
CMY	0.4235, 0.4980, 0.6000
CMYK	0.00, 0.13, 0.31, 0.42
HSL	35°, 18%, 49%
HSV	35°, 31%, 58%
XYZ	22.1501, 22.6007, 15.7653
YIQ	130.7170, 19.6700, -4.0580

# Conversions

## Conversions Part 2

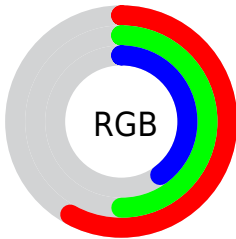
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	135, 147, 102
Decimal	9666662
CIE Lab	54.66, 3.13, 16.80
CIE LCh	55, 17.093, 79.454
Yxy	22.6007, 0.3660, 0.3735
Android (android.graphics.Color)	4287856742 (0xFF938066)
YUV	130.7170, -14.1575, 14.2802
Hunter-Lab	47.5402, -0.0281, 13.6163

# Details

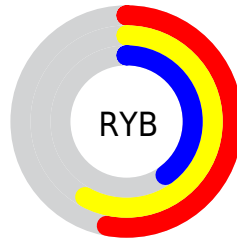
The Hex color **938066** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **667993**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **CAB599**, and **604F37** is the 20% darker color. If you saturate the color by 10%, you get **937A57**, and if you desaturate by 10%, it is **938675**.

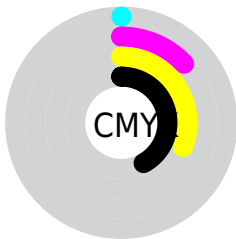
# Distribution



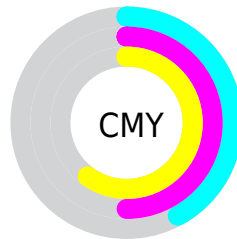
- Red (58%)
- Green (50%)
- Blue (40%)



- Red (53%)
- Yellow (58%)
- Blue (40%)



- Cyan (0%)
- Magenta (13%)
- Yellow (31%)
- Black (42%)



- Cyan (42%)
- Magenta (50%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 938066 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 938066 by changing the saturation by 10% instead.



 938066

 938066

FFFFFF

 79674E

 CAB599

 604F37

 E6D0B4

 473821

 FFEDD0

 30230C

 FFFFEC

 1A0D00

 000000

 938066

 938066

 937A57

 938675

 937449

 938C83

■ 936D3A

■ 939392

■ 93672B

■ 9399A1

■ 93611D

■ 939FB0

■ 935B0E

■ 93A5BE

■ 935500

■ 93ABCD

■ 93B2DC

■ 93B8EA

# Harmonies

## Analogous

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



9E7B6D



938066



848567

# Triad

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



938066



5A8B8C



917C96

# Complementary

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



938066



667993

# 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.



7E819E



938066



5D8999

# Square

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



938066



648B7D



6B869F



9D7989

# Rectangle

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



938066



79886C



6B869F



8B7D9A



# Sweetspot

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



938066



BFB8AE



93667A



615C56



E0E0E0



616161



# Same Dimension

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



938066



BFA178



909366



4A4743



8A5000



0A0600



# Inverse Universe

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



667993



7896BF



696693



43464A



003A8A



00040A



# Previews

## White Background



This preview shows how the Hex color 938066 looks on a white background.

## Color Contrast Check

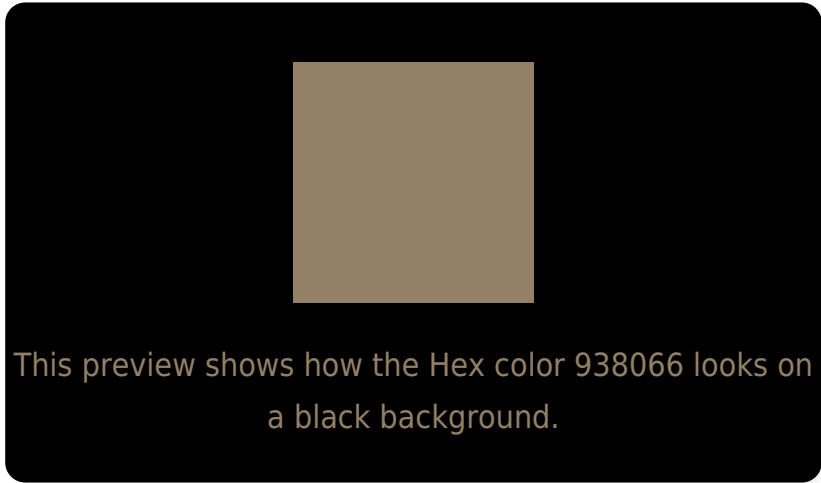
Large Text (above 18pt) WCAG AA ✓ Pass

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

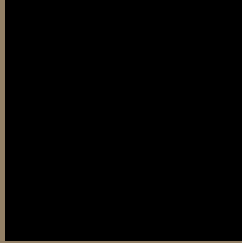
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 938066 Background



This preview shows how black text looks on a background with the Hex color 938066.



This preview shows how white text looks on a background with the Hex color 938066.

# 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**  
938066

**Protanopia**  
8B8367

**Deuteranopia**  
997E66



**Tritanopia**  
977C85

# Trichromacy



**Original Color**  
938066

**Protanomaly**  
8E8267

**Deuteranomaly**  
977F66

**Tritanomaly**  
967D7A

# Monochromacy



**Original Color**  
938066

**Achromatopsia**  
838383

**Achromatomaly**  
898278

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 938066 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 #938066 looks like.

```
.text, #text, p{  
    color:#938066  
}
```

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 #938066 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #938066
}
```

## Border

The CSS property to change the border of an element to Hex 938066 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
#938066 }
```

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

```
.border{ border-color:#938066 }
```

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

Here you see how a box with a 4 pixel #938066 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #938066; -webkit-box-shadow:4px 4px  
4px 4px #938066; box-shadow:4px 4px 4px  
4px #938066 }
```

# Background

The CSS property to change the background color of an element to Hex 938066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#938066 }
```

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

```
.background{ background-color:#938066 }
```

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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