

# Converting Colors

Hex(938986)

Have a look what the booklet for  
Hex(938986) contains.

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# Color

Hex(938986)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	938986
RGB	147, 137, 134
RGB Percent	58%, 54%, 53%
CMY	0.4235, 0.4627, 0.4745
CMYK	0.00, 0.07, 0.09, 0.42
HSL	14°, 6%, 55%
HSV	14°, 9%, 58%
XYZ	25.2814, 25.8156, 26.2047
YIQ	139.6480, 6.9230, 1.1870

# Conversions

## Conversions Part 2

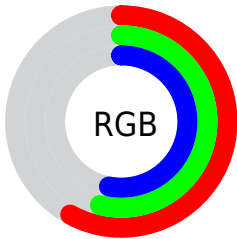
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	147, 138, 134
Decimal	9668998
CIE Lab	57.86, 3.19, 2.94
CIE LCh	58, 4.338, 42.716
Yxy	25.8156, 0.3270, 0.3340
Android (android.graphics.Color)	4287859078 (0xFF938986)
YUV	139.6480, -2.7845, 6.4477
Hunter-Lab	50.8090, -0.0985, 4.9876

# Details

The Hex color **938986** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **869093**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **C9BEBB**, and **605754** is the 20% darker color. If you saturate the color by 10%, you get **937E77**, and if you desaturate by 10%, it is **939495**.

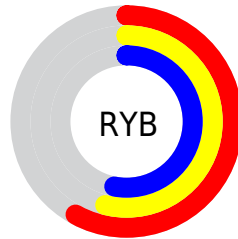
# Distribution



Red (58%)

Green (54%)

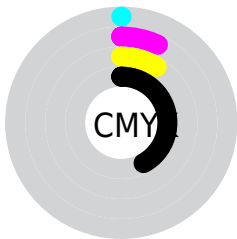
Blue (53%)



Red (58%)

Yellow (54%)

Blue (53%)

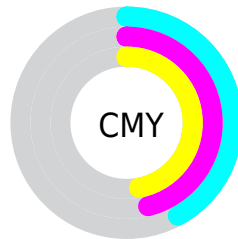


Cyan (0%)

Magenta (7%)

Yellow (9%)

Black (42%)



Cyan (42%)

Magenta (46%)

Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 938986 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 938986 by changing the saturation by 10% instead.





938986



938986

FFFFFF



79706D



C9BEBB



605754



E5DAD7



49403D



FFF7F3



322A28



1D1613



000000



938986



938986



937E77



939495



937269



93A0A3

 93675A

 93ABB2

 935C4B

 93B6C1

 93503D

 93C2D0

 93452E

 93CDDE

 933A1F

 93D8ED

 932F10

 93E3FC

 932302

 93EFFF

# Harmonies

## Analogous

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



938989



938986



918A84

# Triad

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



938986



848D89



898B92

# Complementary

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



938986



869093

# 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.



858C92



938986



828D8D

# Square

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



938986



888C85



828D90



8E8A91

# Rectangle

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



938986



8E8B83



828D90



888B92



# Sweetspot

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



938986



BFBBBA



938690



615E5D



E0E0E0



616161



# Same Dimension

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



938986



BFAFAA



938F86



4A4443



8A2000



0A0200



# Inverse Universe

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



869093



AABABF



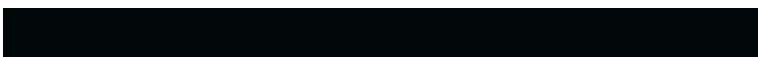
868A93



43484A



006A8A



00080A



# Previews

## White Background



This preview shows how the Hex color 938986 looks on a white background.

## Color Contrast Check

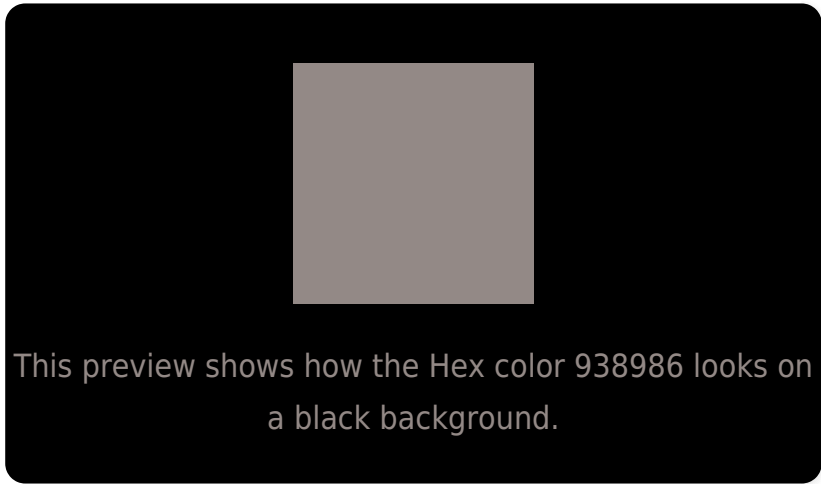
Large Text (above 18pt) WCAG AA ✓ Pass

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

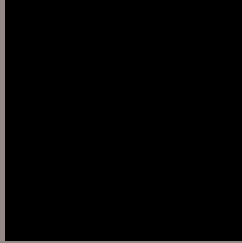
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 938986 Background



This preview shows how black text looks on a background with the Hex color 938986.



This preview shows how white text looks on a background with the Hex color 938986.

# 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**  
938986

**Protanopia**  
8E8A87

**Deuteranopia**  
9A8687



**Tritanopia**  
958792

# Trichromacy



**Original Color**  
938986

**Protanomaly**  
908A87

**Deuteranomaly**  
978787

**Tritanomaly**  
94888E

# Monochromacy



**Original Color**  
938986

**Achromatopsia**  
8C8C8C

**Achromatomaly**  
8F8B8A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 938986 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 #938986 looks like.

```
.text, #text, p{  
    color:#938986  
}
```

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 #938986 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #938986
}
```

## Border

The CSS property to change the border of an element to Hex 938986 is called "border". The border property can be set on classes, ids or directly on the HTML element.

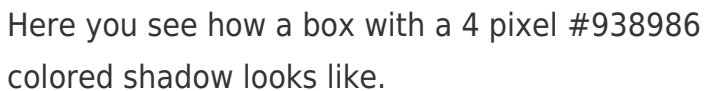
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#938986 }
```

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

```
.border{ border-color:#938986 }
```

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



Here you see how a box with a 4 pixel #938986 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #938986; -webkit-box-shadow:4px 4px  
4px 4px #938986; box-shadow:4px 4px 4px  
4px #938986 }
```

# Background

The CSS property to change the background color of an element to Hex 938986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#938986 }
```

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

```
.background{ background-color:#938986 }
```

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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