

# Converting Colors

Hex(938A6D)

Have a look what the booklet for  
Hex(938A6D) contains.

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# Color

**Hex(938A6D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	938A6D
RGB	147, 138, 109
RGB Percent	58%, 54%, 43%
CMY	0.4235, 0.4588, 0.5725
CMYK	0.00, 0.06, 0.26, 0.42
HSL	46°, 15%, 50%
HSV	46°, 26%, 58%
XYZ	23.8814, 25.4841, 18.1282
YIQ	137.3850, 14.6730, -7.1110

# Conversions

## Conversions Part 2

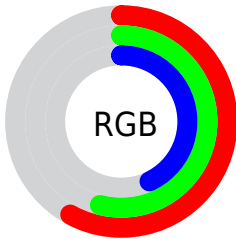
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	121, 147, 109
Decimal	9669229
CIE <sub>Lab</sub>	57.54, -1.49, 16.77
CIE <sub>LCh</sub>	58, 16.840, 95.084
Yxy	25.4841, 0.3538, 0.3776
Android (android.graphics.Color)	4287859309 (0xFF938A6D)
YUV	137.3850, -13.9938, 8.4324
Hunter-Lab	50.4818, -3.9002, 14.0460

# Details

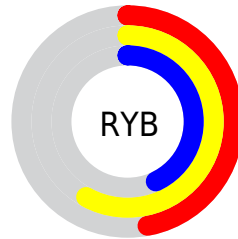
The Hex color **938A6D** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **6D7693**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **C9BFA1**, and **60583D** is the 20% darker color. If you saturate the color by 10%, you get **93875E**, and if you desaturate by 10%, it is **938D7C**.

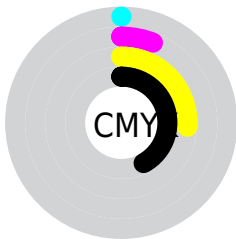
# Distribution



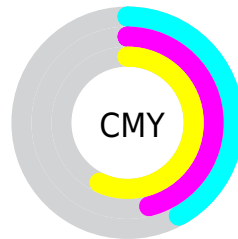
- Red (58%)
- Green (54%)
- Blue (43%)



- Red (47%)
- Yellow (58%)
- Blue (43%)



- Cyan (0%)
- Magenta (6%)
- Yellow (26%)
- Black (42%)



- Cyan (42%)
- Magenta (46%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 938A6D 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 938A6D by changing the saturation by 10% instead.





938A6D



938A6D

FFFFFF



797155



C9BFA1



60583D



E6DBBC



484127



FFF8D7



312B12



FFFFF4



1C1700



000000



938A6D



938A6D



93875E



938D7C



938350



93918A

■ 938041

■ 939499

■ 937C32

■ 9398A8

■ 937924

■ 939BB7

■ 937515

■ 939FC5

■ 937206

■ 93A2D4

■ 937000

■ 93A6E3

■ 93A9F1

# Harmonies

## Analogous

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



A08570



938A6D



838E72

# Triad

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



938A6D



62929B



A08197

# Complementary

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



938A6D



6D7693

# 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.



9086A2



938A6D



6B8FA4

# Square

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



938A6D



66938C



7D8BA7



A88088

# Rectangle

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



938A6D



779179



7D8BA7



9B839B



# Sweetspot

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



938A6D



BFBCB0



936D76



615F57



E0E0E0



616161



# Same Dimension

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



938A6D



BFB184



8A936D



4A4843



8A6900



0A0800



# Inverse Universe

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



6D7693



8492BF



766D93



43444A



00218A



00020A



# Previews

## White Background



This preview shows how the Hex color 938A6D looks on a white background.

## Color Contrast Check

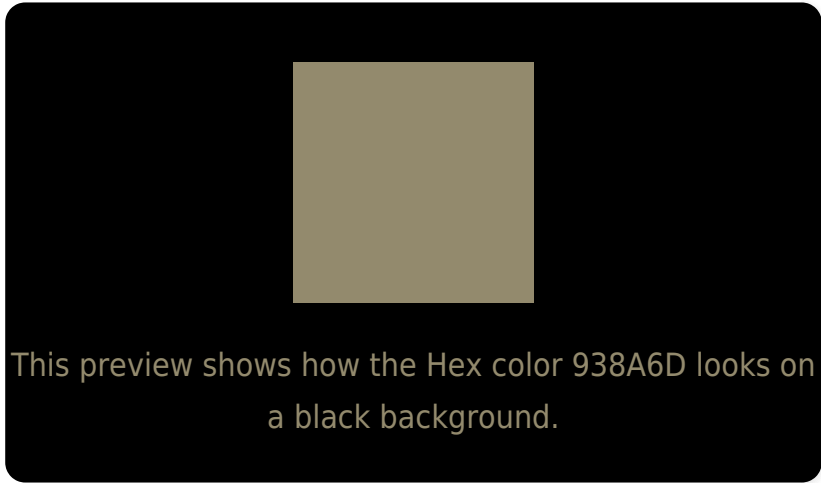
Large Text (above 18pt) WCAG AA ✓ Pass

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

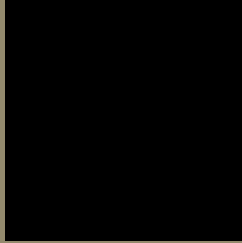
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 938A6D Background



This preview shows how black text looks on a background with the Hex color 938A6D.



This preview shows how white text looks on a background with the Hex color 938A6D.

# 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**  
938A6D

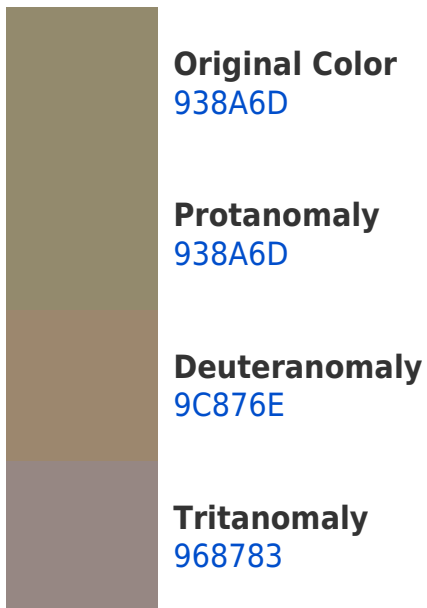
**Protanopia**  
938A6D

**Deuteranopia**  
A1856E

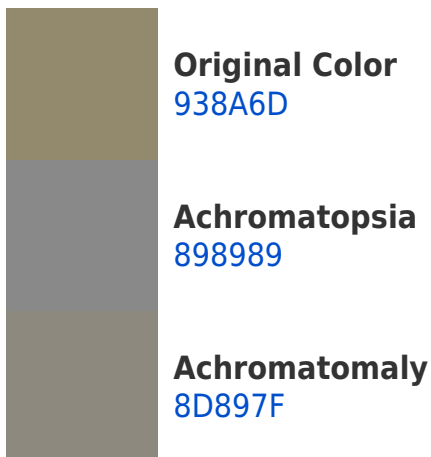


**Tritanopia**  
978590

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 938A6D 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 #938A6D looks like.

```
.text, #text, p{  
    color:#938A6D  
}
```

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 #938A6D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #938A6D
}
```

## Border

The CSS property to change the border of an element to Hex 938A6D 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
#938A6D }
```

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

```
.border{ border-color:#938A6D }
```

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

Here you see how a box with a 4 pixel #938A6D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #938A6D; -webkit-box-shadow:4px 4px  
4px 4px #938A6D; box-shadow:4px 4px 4px  
4px #938A6D }
```

# Background

The CSS property to change the background color of an element to Hex 938A6D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#938A6D }
```

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

```
.background{ background-color:#938A6D }
```

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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