

# Converting Colors

Hex(958769)

Have a look what the booklet for  
Hex(958769) contains.

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**Color**

**Hex(958769)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	958769
RGB	149, 135, 105
RGB Percent	58%, 53%, 41%
CMY	0.4157, 0.4706, 0.5882
CMYK	0.00, 0.09, 0.30, 0.42
HSL	41°, 17%, 50%
HSV	41°, 30%, 58%
XYZ	23.6082, 24.7374, 16.8951
YIQ	135.7660, 17.9740, -6.3620

# Conversions

## Conversions Part 2

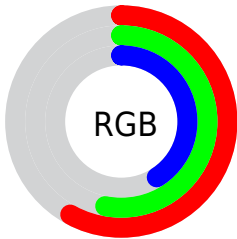
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	126, 149, 105
Decimal	9799529
CIE <sub>Lab</sub>	56.82, 0.43, 18.08
CIE <sub>LCh</sub>	57, 18.082, 88.648
Yxy	24.7374, 0.3619, 0.3792
Android (android.graphics.Color)	4287989609 (0xFF958769)
YUV	135.7660, -15.1676, 11.6062
Hunter-Lab	49.7367, -2.3119, 14.6754

# Details

The Hex color **958769** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **697795**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **CCBC9C**, and **62553A** is the 20% darker color. If you saturate the color by 10%, you get **95825A**, and if you desaturate by 10%, it is **958C78**.

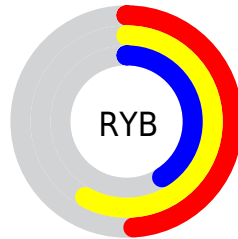
# Distribution



Red (58%)

Green (53%)

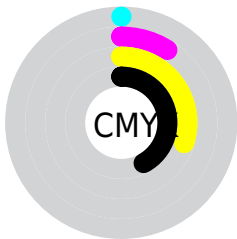
Blue (41%)



Red (49%)

Yellow (58%)

Blue (41%)

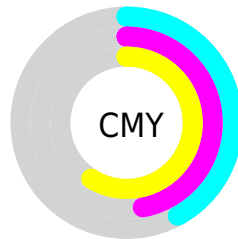


Cyan (0%)

Magenta (9%)

Yellow (30%)

Black (42%)



Cyan (42%)

Magenta (47%)

Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 958769 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 958769 by changing the saturation by 10% instead.



 958769

 958769

FFFFFF

 7B6E51

 CCBC9C

 62553A

 E8D8B7

 493E24

 FFF4D3

 32290F

 FFFFEF

 1D1400

 000000

 958769

 958769

 95825A

 958C78

 957E4B

 959087

■ 95793C

■ 959596

■ 95742D

■ 959AA5

■ 956F1E

■ 959FB4

■ 956B10

■ 95A3C2

■ 956601

■ 95A8D1

■ 956600

■ 95ADE0

■ 95B2EF

# Harmonies

## Analogous

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



A2826E



958769



848C6C

# Triad

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



958769



5C9197



9C8099

# Complementary

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



958769



697795

# 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.



8A85A4



958769



638EA3

# Square

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



958769



639187



758AA7



A77D8A

# Rectangle

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



958769



788F73



758AA7



97819D



# Sweetspot

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



958769



C2BCB0



956978



615E56



E0E0E0



616161



# Same Dimension

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



958769



C2AC7E



8E9569



4A4843



8A5E00



0A0700



# Inverse Universe

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



697795



7E94C2



706995



43454A



002C8A



00030A



# Previews

## White Background



This preview shows how the Hex color 958769 looks on a white background.

## Color Contrast Check

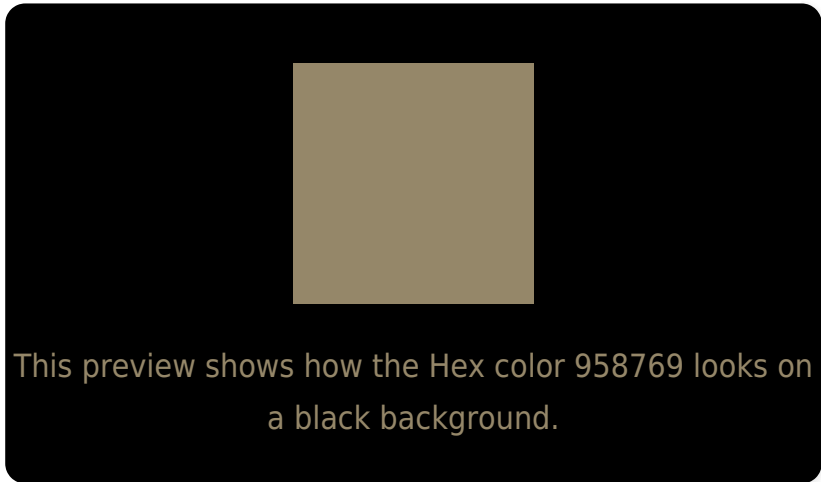
Large Text (above 18pt) WCAG AA ✓ Pass

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

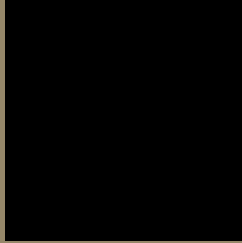
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 958769 Background



This preview shows how black text looks on a background with the Hex color 958769.



This preview shows how white text looks on a background with the Hex color 958769.

# 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**  
958769

**Protanopia**  
91886A

**Deuteranopia**  
A0836A



**Tritanopia**  
99828C

# Trichromacy



**Original Color**

958769

**Protanomaly**

92886A

**Deuteranomaly**

9C846A

**Tritanomaly**

98847F

# Monochromacy



**Original Color**

958769

**Achromatopsia**

888888

**Achromatomaly**

8D887D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 958769 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 #958769 looks like.

```
.text, #text, p{  
    color:#958769  
}
```

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 #958769 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #958769
}
```

## Border

The CSS property to change the border of an element to Hex 958769 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
#958769 }
```

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

```
.border{ border-color:#958769 }
```

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

Here you see how a box with a 4 pixel #958769 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #958769; -webkit-box-shadow:4px 4px  
4px 4px #958769; box-shadow:4px 4px 4px  
4px #958769 }
```

# Background

The CSS property to change the background color of an element to Hex 958769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#958769 }
```

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

```
.background{ background-color:#958769 }
```

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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