

# Converting Colors

Hex(958840)

Have a look what the booklet for  
Hex(958840) contains.

<b>Hex(958840)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(958840)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	958840
RGB	149, 136, 64
RGB Percent	58%, 53%, 25%
CMY	0.4157, 0.4667, 0.7490
CMYK	0.00, 0.09, 0.57, 0.42
HSL	51°, 40%, 42%
HSV	51°, 57%, 58%
XYZ	22.1240, 24.3680, 8.3879
YIQ	131.6790, 30.8600, -19.6360

# Conversions

## Conversions Part 2

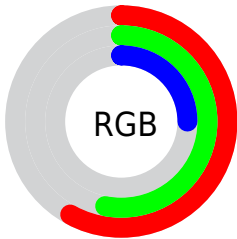
<b>Format</b>	<b>Color</b>
<b>RYB</b>	79, 149, 64
Decimal	9799744
CIELab	56.45, -4.73, 39.82
CIELCh	56, 40.102, 96.778
Yxy	24.3680, 0.4031, 0.4440
Android (android.graphics.Color)	4287989824 (0xFF958840)
YUV	131.6790, -33.3657, 15.1905
Hunter-Lab	49.3640, -6.3867, 24.4802

# Details

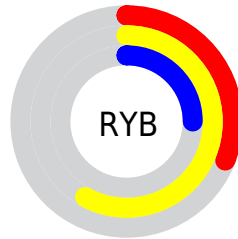
The Hex color **958840** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **404D95**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **CDBD72**, and **60570E** is the 20% darker color. If you saturate the color by 10%, you get **958631**, and if you desaturate by 10%, it is **958A4F**.

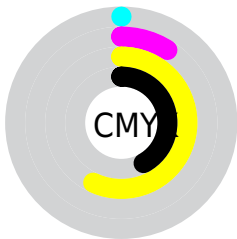
# Distribution



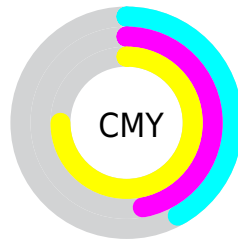
- Red (58%)
- Green (53%)
- Blue (25%)



- Red (31%)
- Yellow (58%)
- Blue (25%)



- Cyan (0%)
- Magenta (9%)
- Yellow (57%)
- Black (42%)



- Cyan (42%)
- Magenta (47%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 958840 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 958840 by changing the saturation by 10% instead.





958840



958840

FFFFFFF



7A6F28



CDBD72



60570E



EAD98C



473F00



FFF5A7



2E2A00



FFFFC3



151600



FFFFDF



000000

FFFFFFC



958840



958840



958631



958A4F

■ 958322

■ 958D5E

■ 958113

■ 958F6D

■ 957F04

■ 95917C

■ 957E00

■ 95938B

■ 959699

■ 9598A8

■ 959AB7

■ 959DC6

# Harmonies

## Analogous

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



B37C47



958840



70914E

# Triad

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



958840



0098B0



B96FA4

# Complementary

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



958840



404D95

# 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.



957BBF



958840



0092C7

# Square

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



958840



00998E



5C88CC



C96A81

# Rectangle

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



958840



529660



5C88CC



AF73AE



# Sweetspot

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



958840



C2BDA1



95404E



615E4E



E0E0E0



616161



# Same Dimension

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



958840



C2AE3E



799540



4A4943



8A7500



0A0900



# Inverse Universe

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



404D95



3E52C2



5C4095



43444A



00158A



00020A



# Previews

## White Background



This preview shows how the Hex color 958840 looks on a white background.

## Color Contrast Check

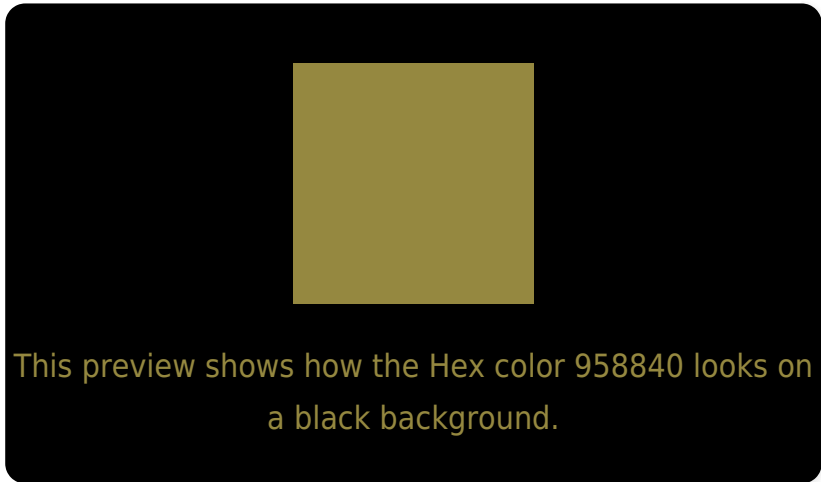
Large Text (above 18pt) WCAG AA ✓ Pass

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 958840 Background



This preview shows how black text looks on a background with the Hex color 958840.



This preview shows how white text looks on a background with the Hex color 958840.

# 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**  
958840

**Protanopia**  
968840

**Deuteranopia**  
A78142



**Tritanopia**  
9C808A

# Trichromacy



**Original Color**  
958840

**Protanomaly**  
968840

**Deuteranomaly**  
A08441

**Tritanomaly**  
99836F

# Monochromacy



**Original Color**  
958840

**Achromatopsia**  
848484

**Achromatomaly**  
8A856B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 958840 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 #958840 looks like.

```
.text, #text, p{  
    color:#958840  
}
```

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 #958840 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #958840
}
```

## Border

The CSS property to change the border of an element to Hex 958840 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
#958840 }
```

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

```
.border{ border-color:#958840 }
```

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

Here you see how a box with a 4 pixel #958840 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #958840; -webkit-box-shadow:4px 4px  
4px 4px #958840; box-shadow:4px 4px 4px  
4px #958840 }
```

# Background

The CSS property to change the background color of an element to Hex 958840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#958840 }
```

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

```
.background{ background-color:#958840 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor