

# Converting Colors

Hex(958E4B)

Have a look what the booklet for  
Hex(958E4B) contains.

<b>Hex(958E4B)</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(958E4B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	958E4B
RGB	149, 142, 75
RGB Percent	58%, 56%, 29%
CMY	0.4157, 0.4431, 0.7059
CMYK	0.00, 0.05, 0.50, 0.42
HSL	54°, 33%, 44%
HSV	54°, 50%, 58%
XYZ	23.3374, 26.2436, 10.4921
YIQ	136.4550, 25.6790, -19.3530

# Conversions

## Conversions Part 2

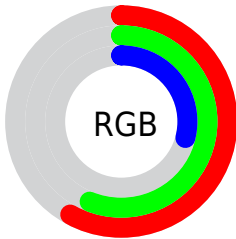
<b>Format</b>	<b>Color</b>
<b>RYB</b>	83, 149, 75
Decimal	9801291
CIELab	58.27, -7.02, 36.36
CIELCh	58, 37.028, 100.936
Yxy	26.2436, 0.3885, 0.4369
Android (android.graphics.Color)	4287991371 (0xFF958E4B)
YUV	136.4550, -30.2973, 11.0020
Hunter-Lab	51.2285, -8.3331, 23.7167

# Details

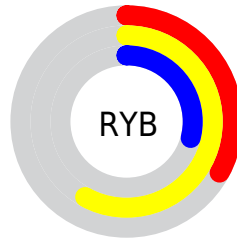
The Hex color **958E4B** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **4B5295**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **CDC47D**, and **605C1B** is the 20% darker color. If you saturate the color by 10%, you get **958D3C**, and if you desaturate by 10%, it is **958F5A**.

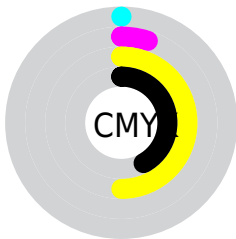
# Distribution



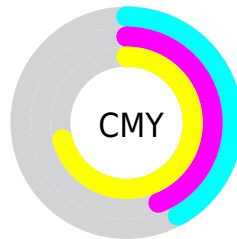
- Red (58%)
- Green (56%)
- Blue (29%)



- Red (33%)
- Yellow (58%)
- Blue (29%)



- Cyan (0%)
- Magenta (5%)
- Yellow (50%)
- Black (42%)



- Cyan (42%)
- Magenta (44%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 958E4B 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 958E4B by changing the saturation by 10% instead.





958E4B



958E4B

FFFFFF



7A7533



CDC47D



605C1B



E9DF98



474501



FFFCB3



2F2E00



FFFFCE



171A00



FFFEB



000000



958E4B



958E4B



958D3C



958F5A



958B2D



959169

■ 958A1E

■ 959278

■ 95880F

■ 959487

■ 958700

■ 959596

■ 9596A4

■ 9598B3

■ 9599C2

■ 959BD1

# Harmonies

## Analogous

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



B2834F



958E4B



71965A

# Triad

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



958E4B



009BB6



BE75A2

# Complementary

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



958E4B



4B5295

# 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.



9F7FBD



958E4B



2995C9

# Square

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



958E4B



009D97



6F8BCC



CA7281

# Rectangle

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



958E4B



569A6B



6F8BCC



B578AC



# Sweetspot

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



958E4B



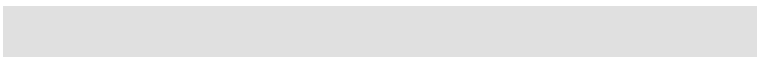
C2BFA5



954B52



615F4F



E0E0E0



616161



# Same Dimension

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



958E4B



C2B74E



77954B



4A4943



8A7D00



0A0900



# Inverse Universe

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



4B5295



4E59C2



694B95



43434A



000D8A



00010A



# Previews

## White Background



This preview shows how the Hex color 958E4B looks on a white background.

## Color Contrast Check

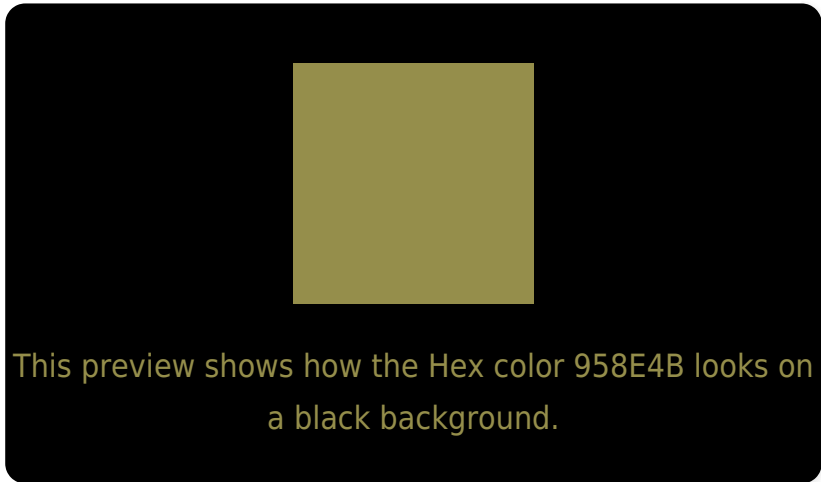
Large Text (above 18pt) WCAG AA ✓ Pass

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

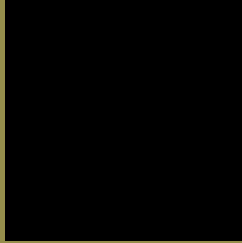
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 958E4B Background



This preview shows how black text looks on a background with the Hex color 958E4B.



This preview shows how white text looks on a background with the Hex color 958E4B.

# 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**  
958E4B

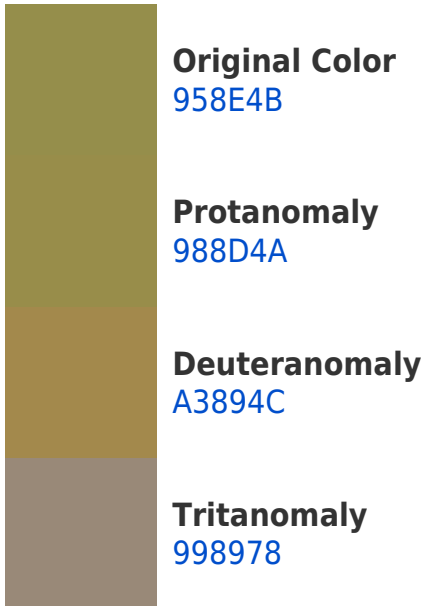
**Protanopia**  
9A8C4A

**Deuteranopia**  
AB864D

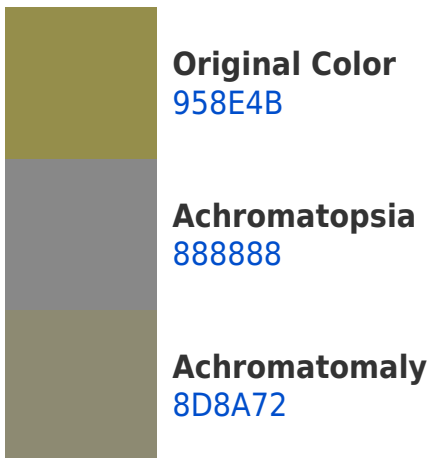


**Tritanopia**  
9C8691

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 958E4B 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 #958E4B looks like.

```
.text, #text, p{  
    color:#958E4B  
}
```

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 #958E4B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #958E4B  
}
```

## Border

The CSS property to change the border of an element to Hex 958E4B 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  
#958E4B }
```

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

```
.border{ border-color:#958E4B }
```

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

Here you see how a box with a 4 pixel #958E4B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #958E4B; -webkit-box-shadow:4px 4px  
4px 4px #958E4B; box-shadow:4px 4px 4px  
4px #958E4B }
```

# Background

The CSS property to change the background color of an element to Hex 958E4B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#958E4B }
```

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

```
.background{ background-color:#958E4B }
```

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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