

# Converting Colors

Hex(948851)

Have a look what the booklet for  
Hex(948851) contains.

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**Color**

**Hex(948851)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	948851
RGB	148, 136, 81
RGB Percent	58%, 53%, 32%
CMY	0.4196, 0.4667, 0.6824
CMYK	0.00, 0.08, 0.45, 0.42
HSL	49°, 29%, 45%
HSV	49°, 45%, 58%
XYZ	22.5021, 24.4983, 11.3272
YIQ	133.3180, 24.8070, -14.5610

# Conversions

## Conversions Part 2

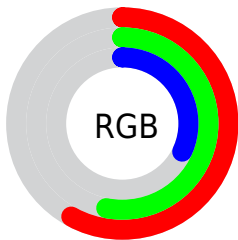
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	96, 148, 81
Decimal	9734225
CIE <sub>Lab</sub>	56.58, -3.55, 31.08
CIE <sub>LCh</sub>	57, 31.282, 96.509
Yxy	24.4983, 0.3858, 0.4200
Android (android.graphics.Color)	4287924305 (0xFF948851)
YUV	133.3180, -25.7928, 12.8761
Hunter-Lab	49.4958, -5.4667, 21.0784

# Details

The Hex color **948851** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **515D94**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **CBBD83**, and **605622** is the 20% darker color. If you saturate the color by 10%, you get **948542**, and if you desaturate by 10%, it is **948B60**.

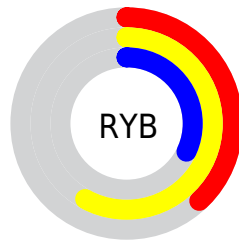
# Distribution



Red (58%)

Green (53%)

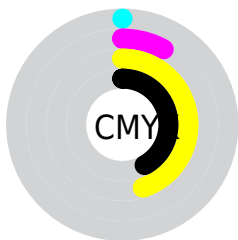
Blue (32%)



Red (38%)

Yellow (58%)

Blue (32%)

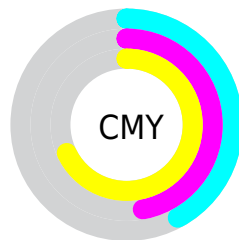


Cyan (0%)

Magenta (8%)

Yellow (45%)

Black (42%)



Cyan (42%)

Magenta (47%)

Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 948851 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 948851 by changing the saturation by 10% instead.





948851



948851

FFFFFF



796F39



CBB83



605622



E8D99E



473F0B



FFF5B9



302A00



FFFFD5



171600



FFFFF1



000000



948851



948851



948542



948B60



948333



948D6F

■ 948025

■ 94907D

■ 947D16

■ 94938C

■ 947B07

■ 94959B

■ 947900

■ 9498AA

■ 949BB9

■ 949DC7

■ 94A0D6

# Harmonies

## Analogous

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



AC7F56



948851



77905B

# Triad

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



948851



1795A7



AF769E

# Complementary

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



948851



515D94

# 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.



937EB4



948851



3B90B9

# Square

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



948851



30968D



6A88BE



BC7383

# Rectangle

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



948851



619369



6A88BE



A778A6



# Sweetspot

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



948851



BFBAA4



94515D



615E50



E0E0E0



616161



# Same Dimension

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



948851



BFAD58



7F9451



4A4943



8A7100



0A0800



# Inverse Universe

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



515D94



586ABF



665194



43444A



00198A



00020A



# Previews

## White Background



This preview shows how the Hex color 948851 looks on a white background.

## Color Contrast Check

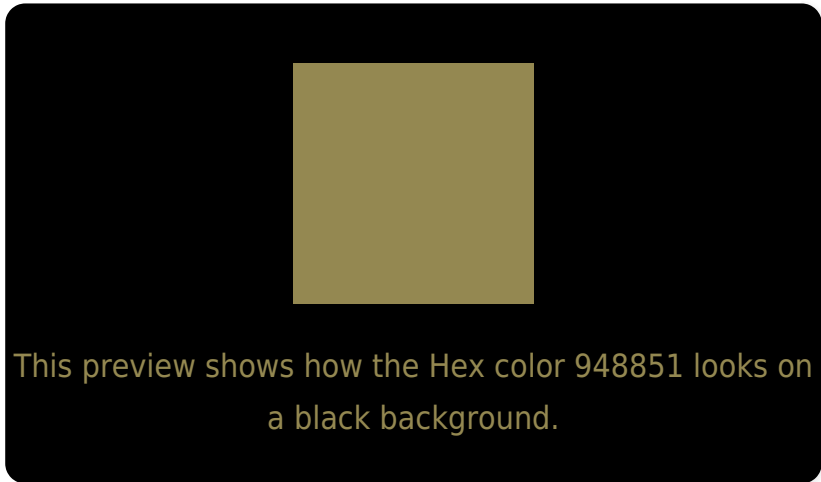
Large Text (above 18pt) WCAG AA ✓ Pass

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

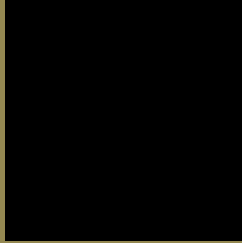
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 948851 Background



This preview shows how black text looks on a background with the Hex color 948851.



This preview shows how white text looks on a background with the Hex color 948851.

# 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**  
948851

**Protanopia**  
958851

**Deuteranopia**  
A48252



**Tritanopia**  
9A818B

# Trichromacy



**Original Color**  
948851

**Protanomaly**  
958851

**Deuteranomaly**  
9E8452

**Tritanomaly**  
988476

# Monochromacy



**Original Color**  
948851

**Achromatopsia**  
858585

**Achromatomaly**  
8A8672

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 948851 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 #948851 looks like.

```
.text, #text, p{  
    color:#948851  
}
```

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 #948851 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #948851
}
```

## Border

The CSS property to change the border of an element to Hex 948851 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
#948851 }
```

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

```
.border{ border-color:#948851 }
```

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

Here you see how a box with a 4 pixel #948851 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #948851; -webkit-box-shadow:4px 4px  
4px 4px #948851; box-shadow:4px 4px 4px  
4px #948851 }
```

# Background

The CSS property to change the background color of an element to Hex 948851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#948851 }
```

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

```
.background{ background-color:#948851 }
```

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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