

# Converting Colors

Hex(948A51)

Have a look what the booklet for  
Hex(948A51) contains.

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**Color**

**Hex(948A51)**

# Conversions

## Conversions Part 1

Format	Color
Hex	948A51
RGB	148, 138, 81
RGB Percent	58%, 54%, 32%
CMY	0.4196, 0.4588, 0.6824
CMYK	0.00, 0.07, 0.45, 0.42
HSL	51°, 29%, 45%
HSV	51°, 45%, 58%
XYZ	22.7864, 25.0669, 11.4220
YIQ	134.4920, 24.2570, -15.6070

# Conversions

## Conversions Part 2

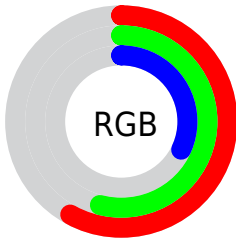
<b>Format</b>	<b>Color</b>
<b>RYB</b>	93, 148, 81
Decimal	9734737
CIELab	57.14, -4.65, 31.78
CIELCh	57, 32.119, 98.326
Yxy	25.0669, 0.3844, 0.4229
Android (android.graphics.Color)	4287924817 (0xFF948A51)
YUV	134.4920, -26.3716, 11.8465
Hunter-Lab	50.0669, -6.3782, 21.5207

# Details

The Hex color **948A51** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **515B94**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **CBBF83**, and **605822** is the 20% darker color. If you saturate the color by 10%, you get **948842**, and if you desaturate by 10%, it is **948C60**.

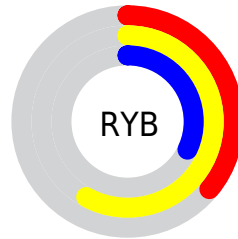
# Distribution



Red (58%)

Green (54%)

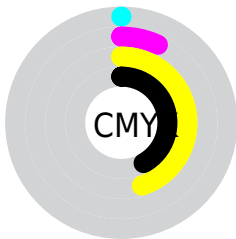
Blue (32%)



Red (36%)

Yellow (58%)

Blue (32%)

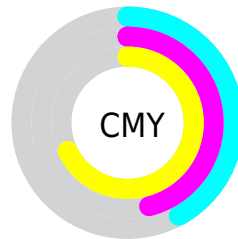


Cyan (0%)

Magenta (7%)

Yellow (45%)

Black (42%)



Cyan (42%)

Magenta (46%)

Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 948A51 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 948A51 by changing the saturation by 10% instead.





948A51



948A51

FFFFFF



797139



CBBF83



605822



E8DB9E



47410A



FFF8B9



302B00



FFFFD5



171700



FFFFFF1



000000



948A51



948A51



948842



948C60



948633



948E6F

■ 948325

■ 94917D

■ 948116

■ 94938C

■ 947F07

■ 94959B

■ 947E00

■ 9497AA

■ 9499B9

■ 949CC7

■ 949ED6

# Harmonies

## Analogous

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



AD8056



948A51



76925C

# Triad

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



948A51



0F97AB



B3769E

# Complementary

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



948A51



515B94

# 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.



977FB5



948A51



3C92BD

# Square

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



948A51



2B9890



6D89C0



BF7382

# Rectangle

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



948A51



5F956B



6D89C0



AB79A7



# Sweetspot

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



948A51



BFBBA4



94515B



615E50



E0E0E0



616161



# Same Dimension

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



948A51



BFB058



7D9451



4A4943



8A7500



0A0900



# Inverse Universe

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



515B94



5867BF



685194



43444A



00158A



00020A



# Previews

## White Background



This preview shows how the Hex color 948A51 looks on a white background.

## Color Contrast Check

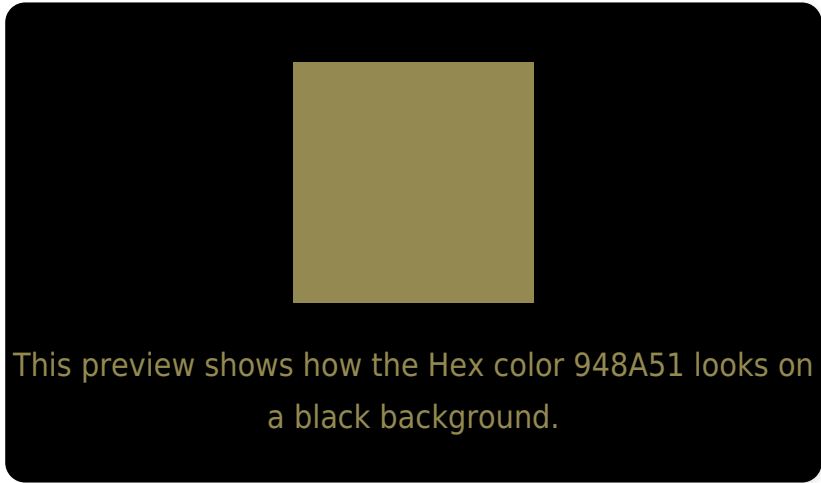
Large Text (above 18pt) WCAG AA ✓ Pass

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

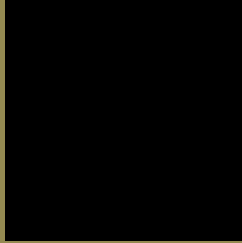
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 948A51 Background



This preview shows how black text looks on a background with the Hex color 948A51.



This preview shows how white text looks on a background with the Hex color 948A51.

# 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**  
948A51

**Protanopia**  
968951

**Deuteranopia**  
A68353



**Tritanopia**  
9A838D

# Trichromacy



**Original Color**  
948A51

**Protanomaly**  
958951

**Deuteranomaly**  
9F8652

**Tritanomaly**  
988677

# Monochromacy



**Original Color**  
948A51

**Achromatopsia**  
868686

**Achromatomaly**  
8B8773

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 948A51 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 #948A51 looks like.

```
.text, #text, p{  
    color:#948A51  
}
```

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 #948A51 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #948A51
}
```

## Border

The CSS property to change the border of an element to Hex 948A51 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
#948A51 }
```

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

```
.border{ border-color:#948A51 }
```

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

Here you see how a box with a 4 pixel #948A51 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #948A51; -webkit-box-shadow:4px 4px  
4px 4px #948A51; box-shadow:4px 4px 4px  
4px #948A51 }
```

# Background

The CSS property to change the background color of an element to Hex 948A51 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#948A51 }
```

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

```
.background{ background-color:#948A51 }
```

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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