

# Converting Colors

Hex(948C81)

Have a look what the booklet for  
Hex(948C81) contains.

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**Color**

**Hex(948C81)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	948C81
RGB	148, 140, 129
RGB Percent	58%, 55%, 51%
CMY	0.4196, 0.4510, 0.4941
CMYK	0.00, 0.05, 0.13, 0.42
HSL	35°, 8%, 54%
HSV	35°, 13%, 58%
XYZ	25.5533, 26.6370, 24.5635
YIQ	141.1380, 8.2990, -1.7250

# Conversions

## Conversions Part 2

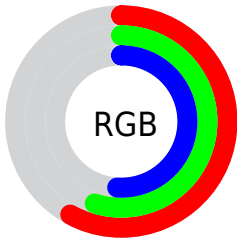
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	143, 148, 129
Decimal	9735297
CIE Lab	58.64, 0.99, 6.93
CIE LCh	59, 7.004, 81.835
Yxy	26.6370, 0.3329, 0.3470
Android (android.graphics.Color)	4287925377 (0xFF948C81)
YUV	141.1380, -5.9840, 6.0180
Hunter-Lab	51.6111, -1.9419, 7.9096

# Details

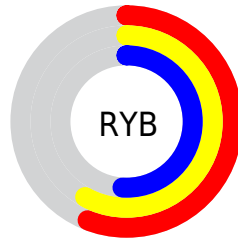
The Hex color **948C81** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **818994**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **CAC2B6**, and **615A50** is the 20% darker color. If you saturate the color by 10%, you get **948672**, and if you desaturate by 10%, it is **949290**.

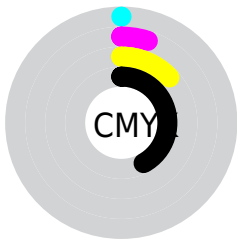
# Distribution



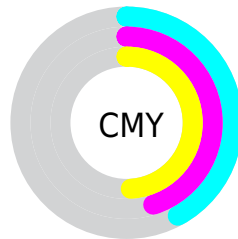
- Red (58%)
- Green (55%)
- Blue (51%)



- Red (56%)
- Yellow (58%)
- Blue (51%)



- Cyan (0%)
- Magenta (5%)
- Yellow (13%)
- Black (42%)



- Cyan (42%)
- Magenta (45%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 948C81 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 948C81 by changing the saturation by 10% instead.



 948C81

 948C81

FFFFFF

 7A7368

 CAC2B6

 615A50

 E6DDD1

 494339

 FFFAEE

 332D23

 1E180E

 000000

 948C81

 948C81

 948672

 949290

 948063

 94989F

 947955

 949FAD

 947346

 94A5BC

 946D37

 94ABCB

 946728

 94B1DA

 946019

 94B8E9

 945A0B

 94BEF7

 945600

 94C4FF

# Harmonies

## Analogous

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



998A84



948C81



8D8E82

# Triad

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



948C81



7E9191



948A95

# Complementary

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



948C81



818994

# 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.



8C8C98



948C81



809096

# Square

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



948C81



81918B



858E99



99898F

# Rectangle

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



948C81



888F84



858E99



918B96



# Sweetspot

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



948C81



BFBCB8



948189



615F5C



E0E0E0



616161



# Same Dimension

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



948C81



BFB3A3



939481



4A4743



8A5000



0A0600



# Inverse Universe

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



818994



A3AFBF



828194



43464A



003A8A



00040A



# Previews

## White Background



This preview shows how the Hex color 948C81 looks on a white background.

## Color Contrast Check

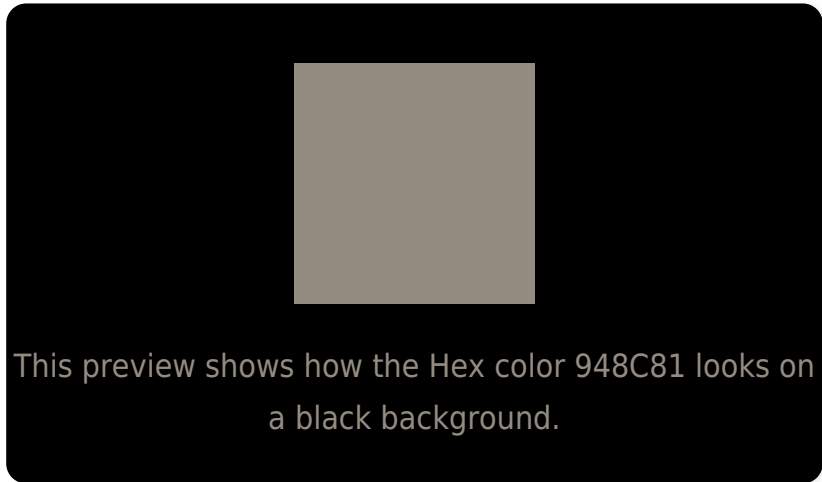
Large Text (above 18pt) WCAG AA ✓ Pass

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

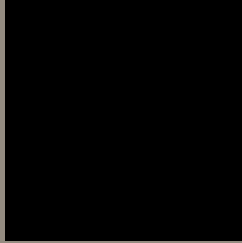
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

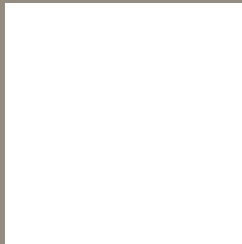
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 948C81 Background



This preview shows how black text looks on a background with the Hex color 948C81.



This preview shows how white text looks on a background with the Hex color 948C81.

# 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**  
948C81

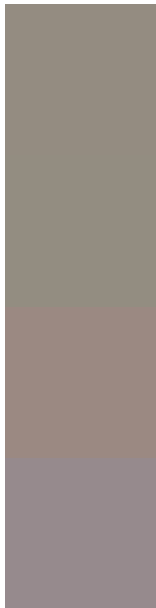
**Protanopia**  
928D81

**Deuteranopia**  
9F8882



**Tritanopia**  
978994

# Trichromacy



**Original Color**  
948C81

**Protanomaly**  
938D81

**Deuteranomaly**  
9B8982

**Tritanomaly**  
968A8D

# Monochromacy



**Original Color**  
948C81

**Achromatopsia**  
8D8D8D

**Achromatomaly**  
908D89

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 948C81 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 #948C81 looks like.

```
.text, #text, p{  
    color:#948C81  
}
```

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 #948C81 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #948C81
}
```

## Border

The CSS property to change the border of an element to Hex 948C81 is called "border". The border property can be set on classes, ids or directly on the HTML element.

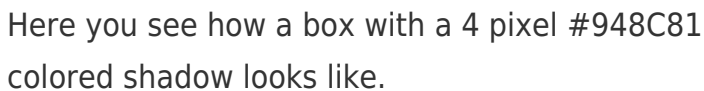
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#948C81 }
```

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

```
.border{ border-color:#948C81 }
```

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



Here you see how a box with a 4 pixel #948C81 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #948C81; -webkit-box-shadow:4px 4px  
4px 4px #948C81; box-shadow:4px 4px 4px  
4px #948C81 }
```

# Background

The CSS property to change the background color of an element to Hex 948C81 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#948C81 }
```

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

```
.background{ background-color:#948C81 }
```

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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