

# Converting Colors

Hex(948B8A)

Have a look what the booklet for  
Hex(948B8A) contains.

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# Color

Hex(948B8A)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	948B8A
RGB	148, 139, 138
RGB Percent	58%, 55%, 54%
CMY	0.4196, 0.4549, 0.4588
CMYK	0.00, 0.06, 0.07, 0.42
HSL	6°, 4%, 56%
HSV	6°, 7%, 58%
XYZ	26.0328, 26.5961, 27.8062
YIQ	141.5770, 5.6850, 1.5970

# Conversions

## Conversions Part 2

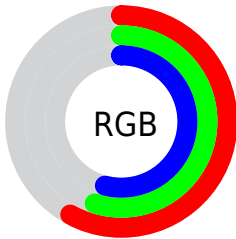
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	148, 139, 138
Decimal	9735050
CIE Lab	58.60, 3.17, 1.73
CIE LCh	59, 3.607, 28.646
Yxy	26.5961, 0.3236, 0.3307
Android (android.graphics.Color)	4287925130 (0xFF948B8A)
YUV	141.5770, -1.7635, 5.6330
Hunter-Lab	51.5714, -0.1447, 4.1321

# Details

The Hex color **948B8A** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **8A9394**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **CAC0BF**, and **615958** is the 20% darker color. If you saturate the color by 10%, you get **947E7B**, and if you desaturate by 10%, it is **949899**.

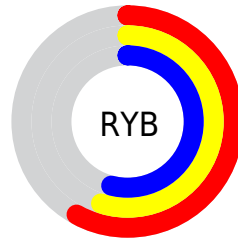
# Distribution



Red (58%)

Green (55%)

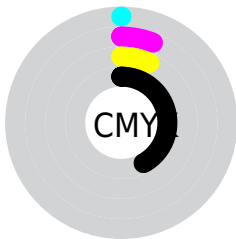
Blue (54%)



Red (58%)

Yellow (55%)

Blue (54%)

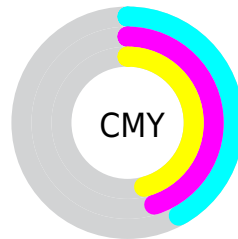


Cyan (0%)

Magenta (6%)

Yellow (7%)

Black (42%)



Cyan (42%)

Magenta (45%)

Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 948B8A 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 948B8A by changing the saturation by 10% instead.





948B8A



948B8A

FFFFFF



7A7271



CAC0BF



615958



E6DCDB



4A4241



FFF9F8



332C2B



1E1716



000000



948B8A



948B8A



947E7B



949899



94706C



94A6A8

 94635E

 94B3B6

 94564F

 94C0C5

 944840

 94CED4

 943B31

 94DBE3

 942E22

 94E8F2

 942014

 94F6FF

 941305

 94FFFF

# Harmonies

## Analogous

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



938B8D



948B8A



938C88

# Triad

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



948B8A



898E8A



8A8D93

# Complementary

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



948B8A



8A9394

# 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.



878E92



948B8A



868F8D

# Square

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



948B8A



8C8E87



858F90



8D8C92

# Rectangle

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



948B8A



918C87



858F90



898E93



# Sweetspot

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



948B8A



BFBCBB



948A93



615F5F



E0E0E0



616161



# Same Dimension

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



948B8A



BFB1B0



94908A



4A4343



8A0E00



0A0100



# Inverse Universe

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



8A9394



B0BEBF



8A8E94



43494A



007C8A



00090A



# Previews

## White Background



This preview shows how the Hex color 948B8A looks on a white background.

## Color Contrast Check

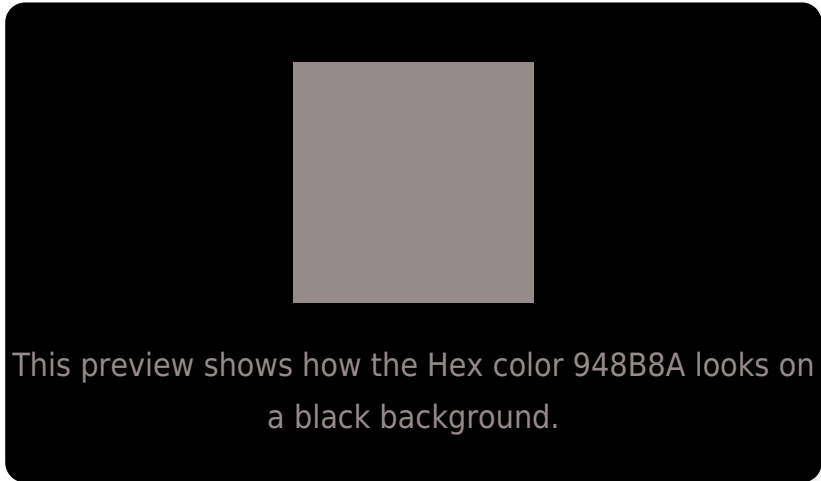
Large Text (above 18pt) WCAG AA ✓ Pass

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

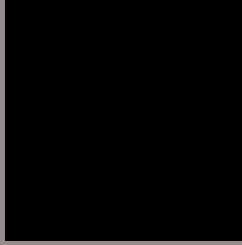
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 948B8A Background



This preview shows how black text looks on a background with the Hex color 948B8A.



This preview shows how white text looks on a background with the Hex color 948B8A.

# 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**

948B8A

**Protanopia**

908C8B

**Deuteranopia**

9B888B



**Tritanopia**  
958994

# Trichromacy



**Original Color**

948B8A

**Protanomaly**

918C8B

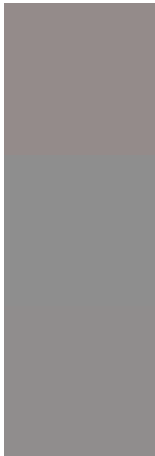
**Deuteranomaly**

98898B

**Tritanomaly**

958A90

# Monochromacy



**Original Color**

948B8A

**Achromatopsia**

8E8E8E

**Achromatomaly**

908D8D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 948B8A 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 #948B8A looks like.

```
.text, #text, p{  
    color:#948B8A  
}
```

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 #948B8A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #948B8A
}
```

## Border

The CSS property to change the border of an element to Hex 948B8A is called "border". The border property can be set on classes, ids or directly on the HTML element.

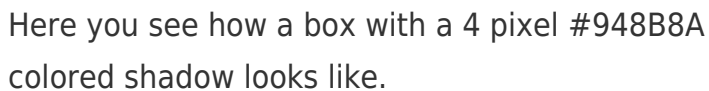
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#948B8A }
```

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

```
.border{ border-color:#948B8A }
```

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



Here you see how a box with a 4 pixel #948B8A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #948B8A; -webkit-box-shadow:4px 4px  
4px 4px #948B8A; box-shadow:4px 4px 4px  
4px #948B8A }
```

# Background

The CSS property to change the background color of an element to Hex 948B8A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#948B8A }
```

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

```
.background{ background-color:#948B8A }
```

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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