

# Converting Colors

Hex(948A97)

Have a look what the booklet for  
Hex(948A97) contains.

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# Color

Hex(948A97)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	948A97
RGB	148, 138, 151
RGB Percent	58%, 54%, 59%
CMY	0.4196, 0.4588, 0.4078
CMYK	0.02, 0.09, 0.00, 0.41
HSL	286°, 6%, 57%
HSV	286°, 9%, 59%
XYZ	26.8871, 26.7072, 33.0161
YIQ	142.4720, 1.7870, 6.1630

# Conversions

## Conversions Part 2

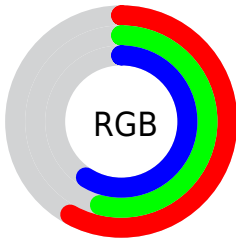
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	148, 138, 151
Decimal	9734807
CIE Lab	58.70, 6.23, -5.57
CIE LCh	59, 8.357, 318.225
Yxy	26.7072, 0.3104, 0.3084
Android (android.graphics.Color)	4287924887 (0xFF948A97)
YUV	142.4720, 4.2043, 4.8481
Hunter-Lab	51.6790, 2.4302, -1.7031

# Details

The Hex color **948A97** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **8D978A**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **CABFCD**, and **615864** is the 20% darker color. If you saturate the color by 10%, you get **917B97**, and if you desaturate by 10%, it is **979997**.

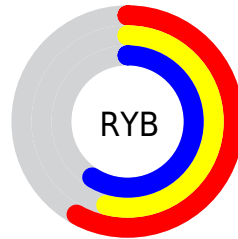
# Distribution



Red (58%)

Green (54%)

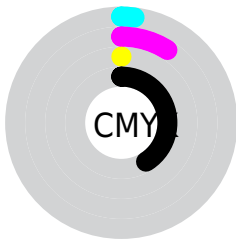
Blue (59%)



Red (58%)

Yellow (54%)

Blue (59%)

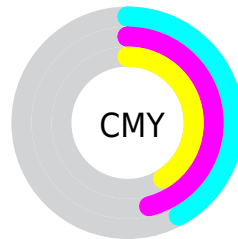


Cyan (2%)

Magenta (9%)

Yellow (0%)

Black (41%)



Cyan (42%)

Magenta (46%)

Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 948A97 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 948A97 by changing the saturation by 10% instead.





948A97



948A97

FFFFFF



7A717D



CABFCD



615864



E6DBE9



4A414C



FFF8FF



332B36



1E1620



000008



000000



948A97



948A97



917B97



979997

8D6C97

9BA897

8A5D97

9EB797

864E97

A2C697

833F97

A5D697

7F2F97

A9E597

7C2097

ACF497

781197

B0FF97

750297

B3FF97

# Harmonies

## Analogous

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



8B8C9B



948A97



9B8990

# Triad

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



948A97



968C7F



7B9291

# Complementary

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



948A97



8D978A

# 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.



7F918A



948A97



8E8E7F

# Square

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



948A97



9C8A83



869083



7C9198

# Rectangle

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



948A97



9D888B



869083



7C928F



# Sweetspot

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



948A97



C3BEC4



8A8D97



635F63



E3E3E3



636363



# Same Dimension

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



948A97



C0B1C4



978A94



4B454D



6C008C



0A000D



# Inverse Universe

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



978A8D



C4B1B5



8A978D



4D4547



8C0020



0D0003



# Previews

## White Background



This preview shows how the Hex color 948A97 looks on a white background.

## Color Contrast Check

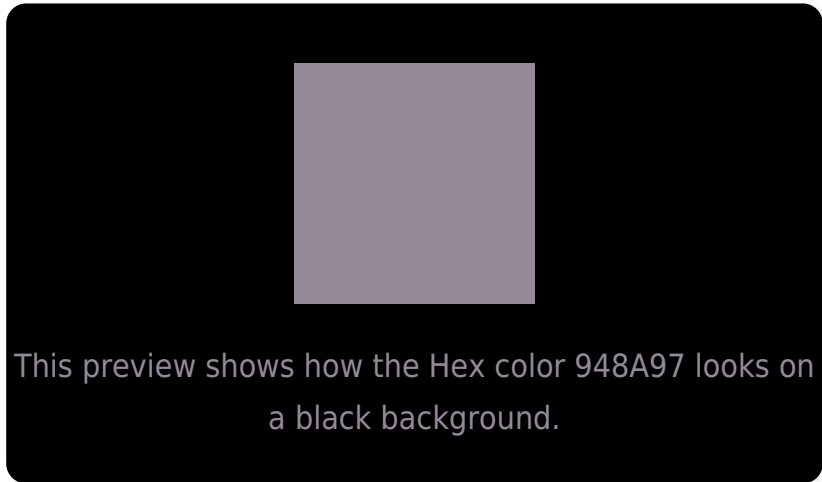
Large Text (above 18pt) WCAG AA ✓ Pass

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

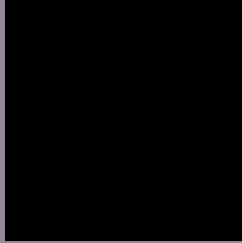
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

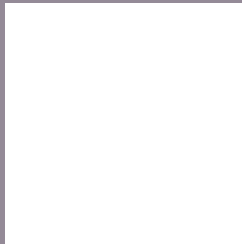
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 948A97 Background



This preview shows how black text looks on a background with the Hex color 948A97.

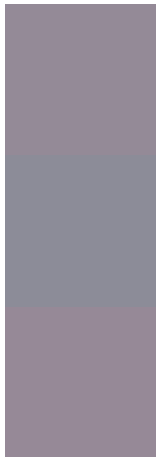


This preview shows how white text looks on a background with the Hex color 948A97.

# 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](#).

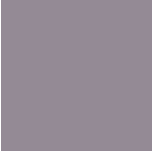
## Dichromacy



**Original Color**  
948A97

**Protanopia**  
8C8C98

**Deuteranopia**  
968997



**Tritanopia**  
948A95

# Trichromacy



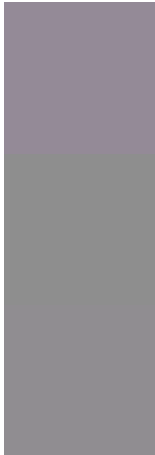
**Original Color**  
948A97

**Protanomaly**  
8F8B98

**Deuteranomaly**  
958997

**Tritanomaly**  
948A96

# Monochromacy



**Original Color**  
948A97

**Achromatopsia**  
8E8E8E

**Achromatomaly**  
908D91

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 948A97 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 #948A97 looks like.

```
.text, #text, p{  
    color:#948A97  
}
```

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 #948A97 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #948A97
}
```

## Border

The CSS property to change the border of an element to Hex 948A97 is called "border". The border property can be set on classes, ids or directly on the HTML element.

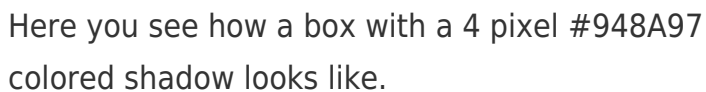
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#948A97 }
```

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

```
.border{ border-color:#948A97 }
```

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



Here you see how a box with a 4 pixel #948A97 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #948A97; -webkit-box-shadow:4px 4px  
4px 4px #948A97; box-shadow:4px 4px 4px  
4px #948A97 }
```

# Background

The CSS property to change the background color of an element to Hex 948A97 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#948A97 }
```

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

```
.background{ background-color:#948A97 }
```

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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