

# Converting Colors

Hex(938B97)

Have a look what the booklet for  
Hex(938B97) contains.

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# Color

Hex(938B97)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	938B97
RGB	147, 139, 151
RGB Percent	58%, 55%, 59%
CMY	0.4235, 0.4549, 0.4078
CMYK	0.03, 0.08, 0.00, 0.41
HSL	280°, 5%, 57%
HSV	280°, 8%, 59%
XYZ	26.8512, 26.9026, 33.0557
YIQ	142.7600, 0.9160, 5.4280

# Conversions

## Conversions Part 2

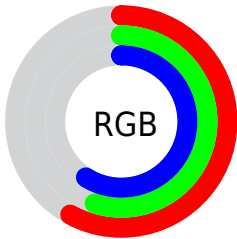
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	147, 139, 151
Decimal	9669527
CIE Lab	58.88, 5.30, -5.31
CIE LCh	59, 7.503, 314.971
Yxy	26.9026, 0.3093, 0.3099
Android (android.graphics.Color)	4287859607 (0xFF938B97)
YUV	142.7600, 4.0623, 3.7185
Hunter-Lab	51.8678, 1.6382, -1.4785

# Details

The Hex color **938B97** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **8F978B**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **C9C0CD**, and **605964** is the 20% darker color. If you saturate the color by 10%, you get **8E7C97**, and if you desaturate by 10%, it is **989A97**.

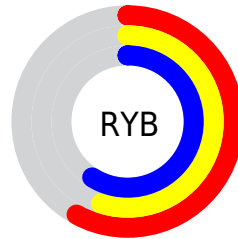
# Distribution



Red (58%)

Green (55%)

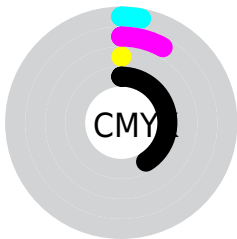
Blue (59%)



Red (58%)

Yellow (55%)

Blue (59%)

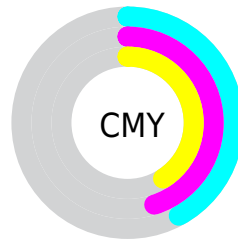


Cyan (3%)

Magenta (8%)

Yellow (0%)

Black (41%)



Cyan (42%)

Magenta (45%)

Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 938B97 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 938B97 by changing the saturation by 10% instead.





938B97



938B97

FFFFFF



79727D



C9C0CD



605964



E5DCE9



49424C



FFF9FF



322C36



1D1720



000008



000000



938B97



938B97



8E7C97



989A97

896D97

9DA997

845E97

A2B897

7F4F97

A7C797

7A3F97

ACD797

753097

B1E697

702197

B6F597

6B1297

BBFF97

660397

C0FF97

# Harmonies

## Analogous

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



8B8D9A



938B97



998A91

# Triad

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



938B97



978C81



7E9291

# Complementary

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



938B97



8F978B

# 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.



81918A



938B97



908E81

# Square

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



938B97



9B8A85



889084



7E9197

# Rectangle

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



938B97



9C898D



889084



7F928F



# Sweetspot

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



938B97



C3C0C4



8B8F97



636163



E3E3E3



636363



# Same Dimension

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



938B97



BEB1C4



978B95



4A454D



5D008C



08000D



# Inverse Universe

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



978B8F



C4B1B7



8B978D



4D4547



8C002F



0D0004



# Previews

## White Background



This preview shows how the Hex color 938B97 looks on a white background.

## Color Contrast Check

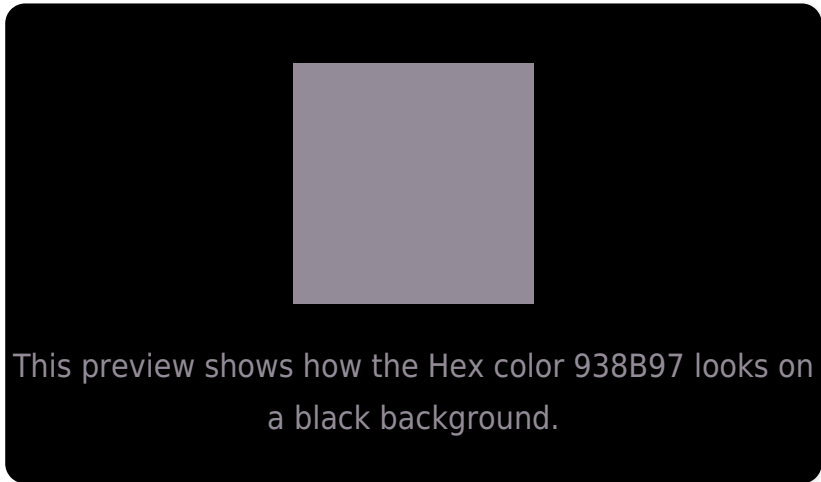
Large Text (above 18pt) WCAG AA ✓ Pass

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

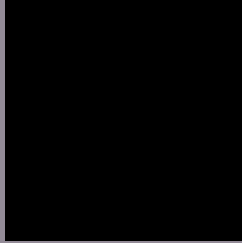
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

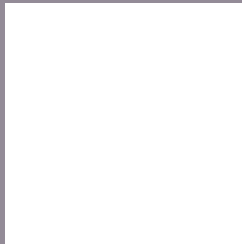
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 938B97 Background



This preview shows how black text looks on a background with the Hex color 938B97.

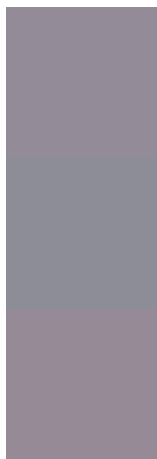


This preview shows how white text looks on a background with the Hex color 938B97.

# 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**  
938B97

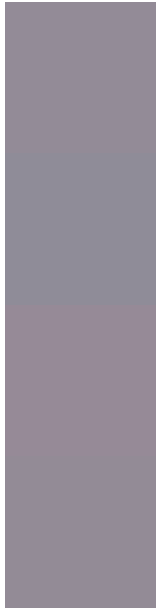
**Protanopia**  
8D8D98

**Deuteranopia**  
978A97



**Tritanopia**  
938B96

# Trichromacy



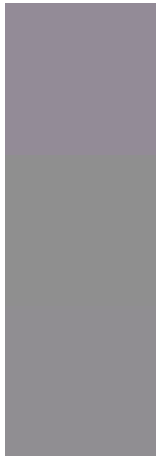
**Original Color**  
938B97

**Protanomaly**  
8F8C98

**Deuteranomaly**  
968A97

**Tritanomaly**  
938B96

# Monochromacy



**Original Color**  
938B97

**Achromatopsia**  
8F8F8F

**Achromatomaly**  
908E92

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 938B97 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 #938B97 looks like.

```
.text, #text, p{  
    color:#938B97  
}
```

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 #938B97 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #938B97
}
```

## Border

The CSS property to change the border of an element to Hex 938B97 is called "border". The border property can be set on classes, ids or directly on the HTML element.

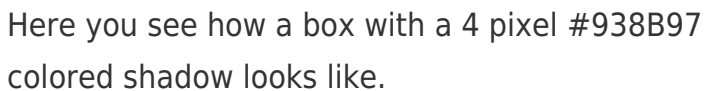
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#938B97 }
```

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

```
.border{ border-color:#938B97 }
```

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



Here you see how a box with a 4 pixel #938B97 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #938B97; -webkit-box-shadow:4px 4px  
4px 4px #938B97; box-shadow:4px 4px 4px  
4px #938B97 }
```

# Background

The CSS property to change the background color of an element to Hex 938B97 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#938B97 }
```

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

```
.background{ background-color:#938B97 }
```

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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