

# Converting Colors

Hex(938A7F)

Have a look what the booklet for  
Hex(938A7F) contains.

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# Color

Hex(938A7F)

# Conversions

## Conversions Part 1

Format	Color
Hex	938A7F
RGB	147, 138, 127
RGB Percent	58%, 54%, 50%
CMY	0.4235, 0.4588, 0.5020
CMYK	0.00, 0.06, 0.14, 0.42
HSL	33°, 8%, 54%
HSV	33°, 14%, 58%
XYZ	24.9519, 25.9123, 23.7651
YIQ	139.4370, 8.8950, -1.5130

# Conversions

## Conversions Part 2

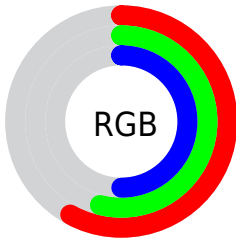
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	143, 147, 127
Decimal	9669247
CIE <sub>Lab</sub>	57.95, 1.39, 7.09
CIE <sub>LCh</sub>	58, 7.223, 78.926
Yxy	25.9123, 0.3343, 0.3472
Android (android.graphics.Color)	4287859327 (0xFF938A7F)
YUV	139.4370, -6.1314, 6.6328
Hunter-Lab	50.9041, -1.5862, 7.9527

# Details

The Hex color **938A7F** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **7F8893**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **C9BFB4**, and **60584E** is the 20% darker color. If you saturate the color by 10%, you get **938370**, and if you desaturate by 10%, it is **93918E**.

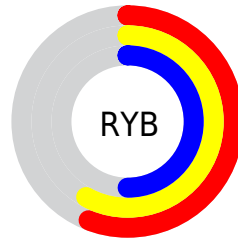
# Distribution



Red (58%)

Green (54%)

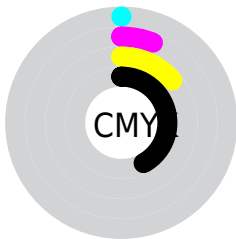
Blue (50%)



Red (56%)

Yellow (58%)

Blue (50%)

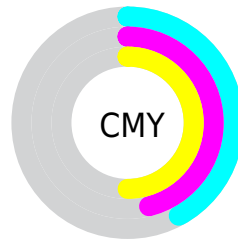


Cyan (0%)

Magenta (6%)

Yellow (14%)

Black (42%)



Cyan (42%)

Magenta (46%)

Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 938A7F 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 938A7F by changing the saturation by 10% instead.





938A7F



938A7F

FFFFFF



797166



C9BFB4



60584E



E5DBCf



484137



FFF8EB



322B22



1D160C



000000



938A7F



938A7F



938370



93918E



937D62



93979C

 937653

 939EAB

 937044

 93A4BA

 936936

 93ABC9


 936227

 93B2D7

 935C18

 93B8E6

 935509

 93BFF5

 935100

 93C6FF

# Harmonies

## Analogous

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



988882



938A7F



8C8C7F

# Triad

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



938A7F



7C8F8F



918894

# Complementary

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



938A7F



7F8893

# 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.



8A8A97



938A7F



7D8E95

# Square

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



938A7F



7F8F89



828D97



97878E

# Rectangle

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



938A7F



878D81



828D97



8F8995



# Sweetspot

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



938A7F



BFBCB8



937F88



615F5C



E0E0E0



616161



# Same Dimension

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



938A7F



BFB1A1



92937F



4A4743



8A4C00



0A0600



# Inverse Universe

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



7F8893



A1AEBF



807F93



43464A



003E8A



00050A



# Previews

## White Background



This preview shows how the Hex color 938A7F looks on a white background.

## Color Contrast Check

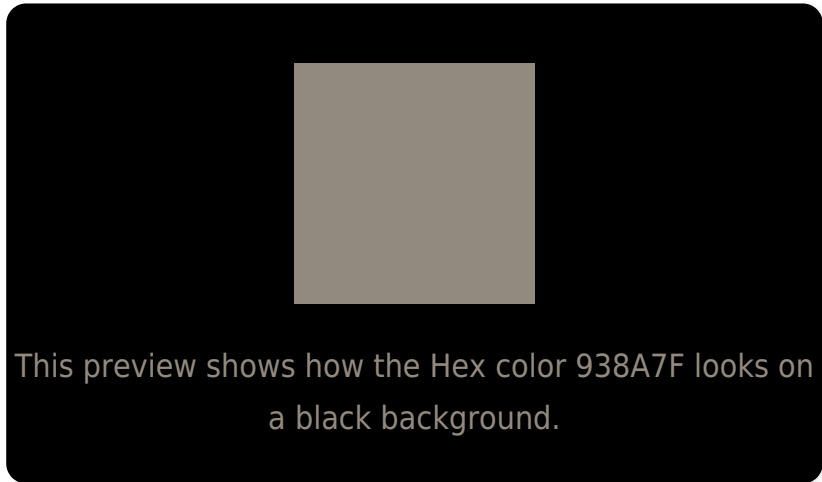
Large Text (above 18pt) WCAG AA ✓ Pass

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

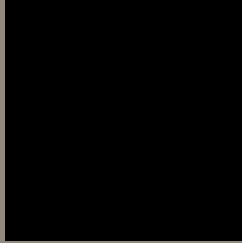
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 938A7F Background



This preview shows how black text looks on a background with the Hex color 938A7F.

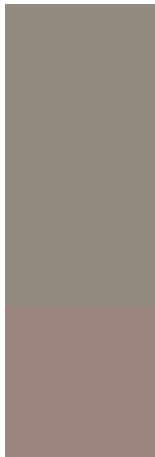


This preview shows how white text looks on a background with the Hex color 938A7F.

# 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**  
938A7F

**Protanopia**  
918B7F

**Deuteranopia**  
9D8680



**Tritanopia**  
968792

# Trichromacy



**Original Color**  
938A7F

**Protanomaly**  
928B7F

**Deuteranomaly**  
998780

**Tritanomaly**  
95888B

# Monochromacy



**Original Color**  
938A7F

**Achromatopsia**  
8B8B8B

**Achromatomaly**  
8E8B87

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 938A7F 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 #938A7F looks like.

```
.text, #text, p{  
    color:#938A7F  
}
```

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 #938A7F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #938A7F
}
```

## Border

The CSS property to change the border of an element to Hex 938A7F 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
#938A7F }
```

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

```
.border{ border-color:#938A7F }
```

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

Here you see how a box with a 4 pixel #938A7F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #938A7F; -webkit-box-shadow:4px 4px  
4px 4px #938A7F; box-shadow:4px 4px 4px  
4px #938A7F }
```

# Background

The CSS property to change the background color of an element to Hex 938A7F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#938A7F }
```

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

```
.background{ background-color:#938A7F }
```

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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