

# Converting Colors

Hex(98937F)

Have a look what the booklet for  
Hex(98937F) contains.

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**Color**

**Hex(98937F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	98937F
RGB	152, 147, 127
RGB Percent	60%, 58%, 50%
CMY	0.4039, 0.4235, 0.5020
CMYK	0.00, 0.03, 0.16, 0.40
HSL	48°, 11%, 55%
HSV	48°, 16%, 60%
XYZ	27.2134, 29.0751, 24.2564
YIQ	146.2150, 9.4000, -5.1600

# Conversions

## Conversions Part 2

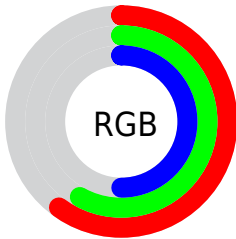
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	133, 152, 127
Decimal	9999231
CIE Lab	60.85, -1.69, 11.25
CIE LCh	61, 11.381, 98.557
Yxy	29.0751, 0.3379, 0.3610
Android (android.graphics.Color)	4288189311 (0xFF98937F)
YUV	146.2150, -9.4730, 5.0734
Hunter-Lab	53.9214, -4.2759, 11.0735

# Details

The Hex color **98937F** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **7F8498**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **CEC9B4**, and **65614E** is the 20% darker color. If you saturate the color by 10%, you get **989070**, and if you desaturate by 10%, it is **98968E**.

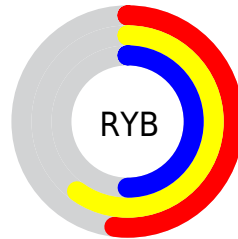
# Distribution



Red (60%)

Green (58%)

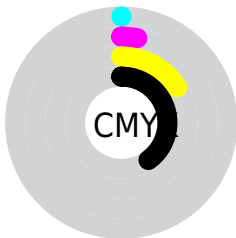
Blue (50%)



Red (52%)

Yellow (60%)

Blue (50%)

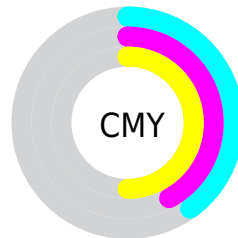


Cyan (0%)

Magenta (3%)

Yellow (16%)

Black (40%)



Cyan (40%)

Magenta (42%)

Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 98937F 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 98937F by changing the saturation by 10% instead.





98937F



98937F

FFFFFF



7E7966



CEC9B4



65614E



EBE5CF



4D4937



FFF FEC



363222



211D0C



000400



000000



98937F



98937F



989070



98968E

 988D61

 98999D

 988A51

 989CAD

 988742

 989FBC

 988433

 98A2CB

 988124

 98A5DA

 987E15

 98A8E9

 987B05

 98ABF9

 987A00

 98AEFF

# Harmonies

## Analogous

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



A29080



98937F



8C9683

# Triad

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



98937F



7A989F



A38D9A

# Complementary

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



98937F



7F8498

# 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.



988FA3



98937F



8096A5

# Square

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



98937F



7B9995



8C93A6



A88C90

# Rectangle

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



98937F



859888



8C93A6



A08D9D



# Sweetspot

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



98937F



C4C2BB



987F84



63625D



E3E3E3



636363



# Same Dimension

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



98937F



C4BC9D



91987F



4D4B45



8C7000



0D0A00



# Inverse Universe

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



7F8498



9DA5C4



877F98



45464D



001C8C



00030D



# Previews

## White Background



This preview shows how the Hex color 98937F looks on a white background.

## Color Contrast Check

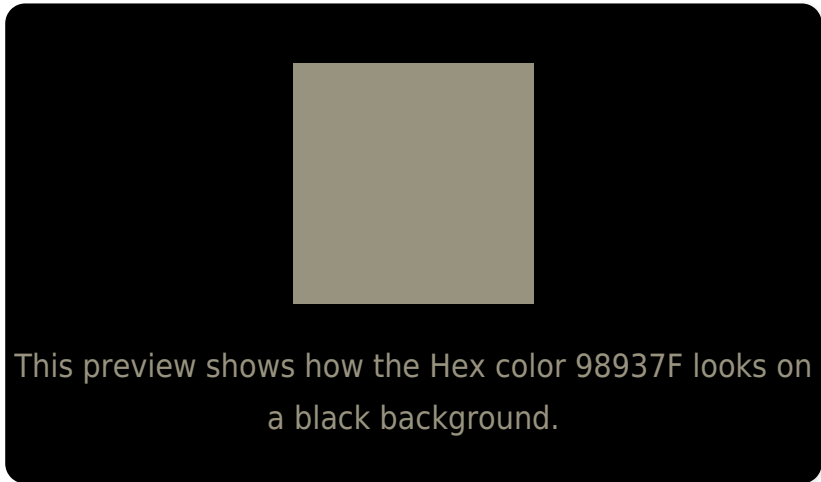
Large Text (above 18pt) WCAG AA ✓ Pass

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

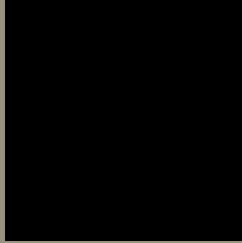
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 98937F Background



This preview shows how black text looks on a background with the Hex color 98937F.



This preview shows how white text looks on a background with the Hex color 98937F.

# 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**  
98937F

**Protanopia**  
9A927F

**Deuteranopia**  
A88D80



**Tritanopia**  
9C8F9A

# Trichromacy



**Original Color**  
98937F

**Protanomaly**  
99927F

**Deuteranomaly**  
A28F80

**Tritanomaly**  
9B9090

# Monochromacy



**Original Color**  
98937F

**Achromatopsia**  
929292

**Achromatomaly**  
94928B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 98937F 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 #98937F looks like.

```
.text, #text, p{  
    color:#98937F  
}
```

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 #98937F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #98937F
}
```

## Border

The CSS property to change the border of an element to Hex 98937F is called "border". The border property can be set on classes, ids or directly on the HTML element.

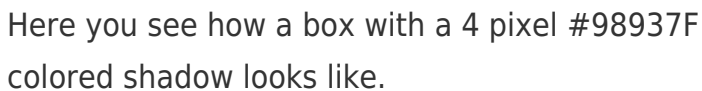
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#98937F }
```

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

```
.border{ border-color:#98937F }
```

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



Here you see how a box with a 4 pixel #98937F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #98937F; -webkit-box-shadow:4px 4px  
4px 4px #98937F; box-shadow:4px 4px 4px  
4px #98937F }
```

# Background

The CSS property to change the background color of an element to Hex 98937F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#98937F }
```

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

```
.background{ background-color:#98937F }
```

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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