

# Converting Colors

Hex(97938F)

Have a look what the booklet for  
Hex(97938F) contains.

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# Color

Hex(97938F)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	97938F
RGB	151, 147, 143
RGB Percent	59%, 58%, 56%
CMY	0.4078, 0.4235, 0.4392
CMYK	0.00, 0.03, 0.05, 0.41
HSL	30°, 4%, 58%
HSV	30°, 5%, 59%
XYZ	28.1541, 29.4299, 30.1833
YIQ	147.7400, 3.6680, -0.3960

# Conversions

## Conversions Part 2

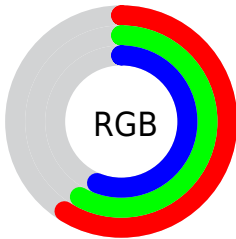
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	151, 151, 143
Decimal	9933711
CIE Lab	61.16, 0.72, 2.63
CIE LCh	61, 2.723, 74.685
Yxy	29.4299, 0.3208, 0.3353
Android (android.graphics.Color)	4288123791 (0xFF97938F)
YUV	147.7400, -2.3368, 2.8590
Hunter-Lab	54.2493, -2.2990, 4.9868

# Details

The Hex color **97938F** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **8F9397**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **CDC9C5**, and **64615D** is the 20% darker color. If you saturate the color by 10%, you get **978B80**, and if you desaturate by 10%, it is **979B9E**.

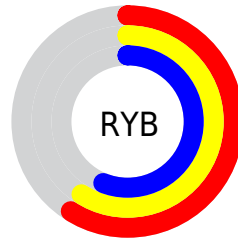
# Distribution



Red (59%)

Green (58%)

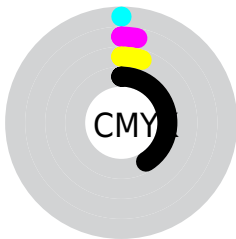
Blue (56%)



Red (59%)

Yellow (59%)

Blue (56%)

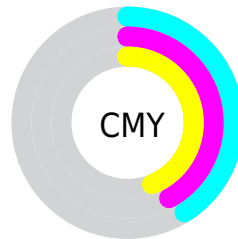


Cyan (0%)

Magenta (3%)

Yellow (5%)

Black (41%)



Cyan (41%)

Magenta (42%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 97938F 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 97938F by changing the saturation by 10% instead.



■ 97938F

FFFFFF

■ CDC9C5

■ E9E5E1

FFFFFFD

■ 97938F

■ 978B80

■ 97938F

■ 7D7975

■ 64615D

■ 4C4945

■ 36322F

■ 201D1A

■ 080300

■ 000000

■ 97938F

■ 979B9E

 978471

 97A2AD

 977C62

 97AABC

 977553

 97B1CB

 976D44

 97B9DB

 976634

 97C0EA

 975E25

 97C8F9

 975716

 97CFFF

 974F07

 97D7FF

# Harmonies

## Analogous

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



999290



97938F



94948F

# Triad

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



97938F



8E9595



969397

# Complementary

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



97938F



8F9397

# 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.



939398



97938F



8E9597

# Square

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



97938F



8F9592



909498



989295

# Rectangle

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



97938F



939490



909498



959398



# Sweetspot

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



97938F



C4C2C0



978F93



636261



E3E3E3



636363



# Same Dimension

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



97938F



C4BEB9



97978F



4D4A47



8C4600



0D0600



# Inverse Universe

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



8F9397



B9BEC4



8F8F97



474A4D



00468C



00060D



# Previews

## White Background



This preview shows how the Hex color 97938F looks on a white background.

## Color Contrast Check

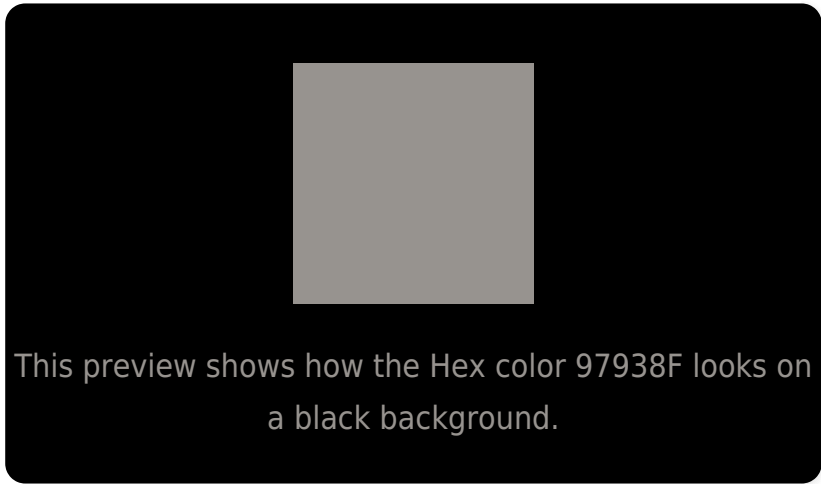
Large Text (above 18pt) WCAG AA ✓ Pass

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

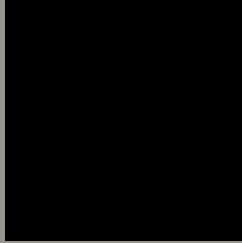
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

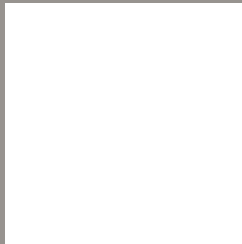
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 97938F Background



This preview shows how black text looks on a background with the Hex color 97938F.



This preview shows how white text looks on a background with the Hex color 97938F.

# 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**  
97938F

**Protanopia**  
97938F

**Deuteranopia**  
A38F90



**Tritanopia**  
99919C

# Trichromacy



**Original Color**  
97938F

**Protanomaly**  
97938F

**Deuteranomaly**  
9F9090

**Tritanomaly**  
989297

# Monochromacy



**Original Color**  
97938F

**Achromatopsia**  
949494

**Achromatomaly**  
959492

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 97938F 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 #97938F looks like.

```
.text, #text, p{  
    color:#97938F  
}
```

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 #97938F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #97938F
}
```

## Border

The CSS property to change the border of an element to Hex 97938F is called "border". The border property can be set on classes, ids or directly on the HTML element.

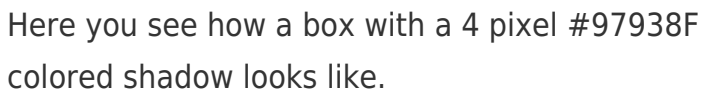
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#97938F }
```

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

```
.border{ border-color:#97938F }
```

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



Here you see how a box with a 4 pixel #97938F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #97938F; -webkit-box-shadow:4px 4px  
4px 4px #97938F; box-shadow:4px 4px 4px  
4px #97938F }
```

# Background

The CSS property to change the background color of an element to Hex 97938F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#97938F }
```

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

```
.background{ background-color:#97938F }
```

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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