

# Converting Colors

Hex(937B78)

Have a look what the booklet for  
Hex(937B78) contains.

<b>Hex(937B78)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(937B78)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	937B78
RGB	147, 123, 120
RGB Percent	58%, 48%, 47%
CMY	0.4235, 0.5176, 0.5294
CMYK	0.00, 0.16, 0.18, 0.42
HSL	7°, 11%, 52%
HSV	7°, 18%, 58%
XYZ	22.5057, 21.7250, 20.7765
YIQ	129.8340, 15.2670, 4.1550

# Conversions

## Conversions Part 2

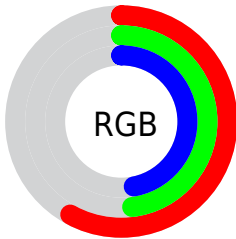
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	147, 123, 120
Decimal	9665400
CIE Lab	53.73, 8.75, 5.09
CIE LCh	54, 10.124, 30.177
Yxy	21.7250, 0.3462, 0.3342
Android (android.graphics.Color)	4287855480 (0xFF937B78)
YUV	129.8340, -4.8482, 15.0546
Hunter-Lab	46.6101, 4.6212, 6.1986

# Details

The Hex color **937B78** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **789093**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **C9AFAC**, and **604A48** is the 20% darker color. If you saturate the color by 10%, you get **936E69**, and if you desaturate by 10%, it is **938887**.

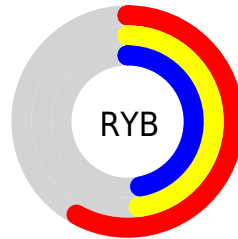
# Distribution



Red (58%)

Green (48%)

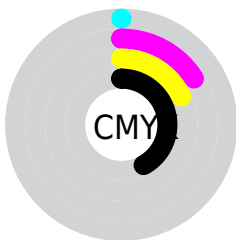
Blue (47%)



Red (58%)

Yellow (48%)

Blue (47%)

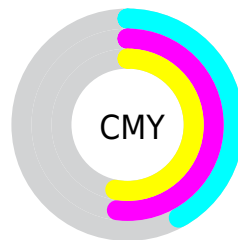


Cyan (0%)

Magenta (16%)

Yellow (18%)

Black (42%)



Cyan (42%)

Magenta (52%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 937B78 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 937B78 by changing the saturation by 10% instead.





937B78



937B78

FFFFFF



79625F



C9AFAC



604A48



E5CBC8



483431



FFE7E4



311E1C



1E0602



000000



937B78



937B78



936E69



938887



93615B



939595

 93544C

 93A2A4

 93473D

 93AFB3

 933A2F

 93BCC2

 932D20

 93C9D0

 932011

 93D6DF

 931202

 93E4EE

 931000

 93F1FC

# Harmonies

## Analogous

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



927B81



937B78



8F7D72

# Triad

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



937B78



748577



778192

# Complementary

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



937B78



789093

# 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.



6E848F



937B78



6D8680

# Square

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



937B78



7E8371



6A8589



827E8F

# Rectangle

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



937B78



8A7F6F



6A8589



748291



# Sweetspot

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



937B78



BFB5B4



937890



615B5A



E0E0E0



616161



# Same Dimension

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



937B78



BF9A95



938878



4A4343



8A0F00



0A0100



# Inverse Universe

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



789093



95BBBF



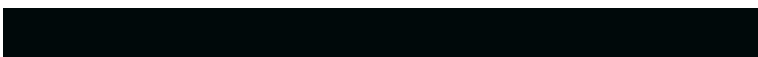
788393



43494A



007A8A



00090A



# Previews

## White Background



This preview shows how the Hex color 937B78 looks on a white background.

## Color Contrast Check

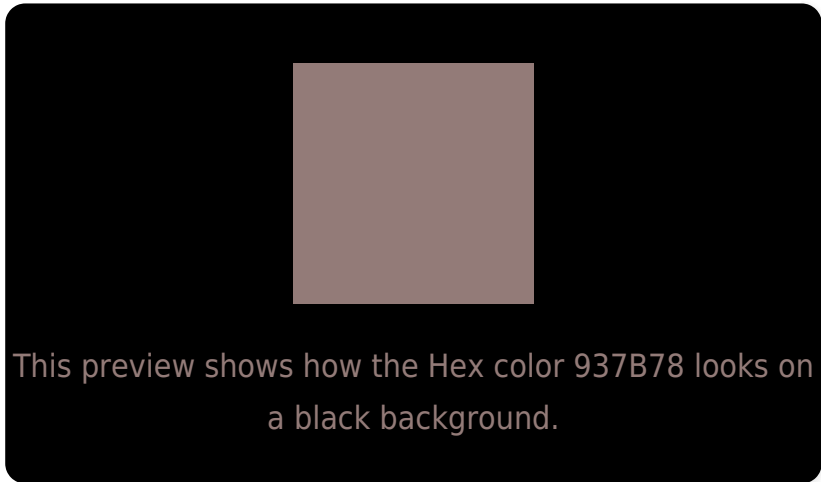
Large Text (above 18pt) WCAG AA ✓ Pass

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

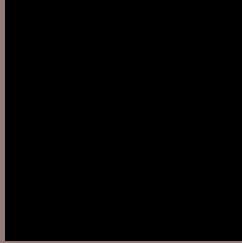
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 937B78 Background



This preview shows how black text looks on a background with the Hex color 937B78.



This preview shows how white text looks on a background with the Hex color 937B78.

# 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**  
937B78

**Protanopia**  
84807B

**Deuteranopia**  
907C78



**Tritanopia**  
947983

# Trichromacy



**Original Color**  
937B78

**Protanomaly**  
897E7A

**Deuteranomaly**  
917C78

**Tritanomaly**  
947A7F

# Monochromacy



**Original Color**  
937B78

**Achromatopsia**  
828282

**Achromatomaly**  
887F7E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 937B78 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 #937B78 looks like.

```
.text, #text, p{  
    color:#937B78  
}
```

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 #937B78 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #937B78
}
```

## Border

The CSS property to change the border of an element to Hex 937B78 is called "border". The border property can be set on classes, ids or directly on the HTML element.

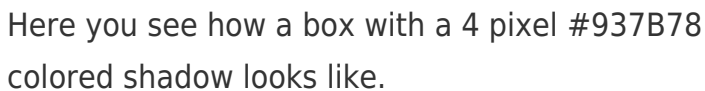
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#937B78 }
```

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

```
.border{ border-color:#937B78 }
```

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



Here you see how a box with a 4 pixel #937B78 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #937B78; -webkit-box-shadow:4px 4px  
4px 4px #937B78; box-shadow:4px 4px 4px  
4px #937B78 }
```

# Background

The CSS property to change the background color of an element to Hex 937B78 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#937B78 }
```

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

```
.background{ background-color:#937B78 }
```

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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