

# Converting Colors

Hex(978080)

Have a look what the booklet for  
Hex(978080) contains.

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**Color**

**Hex(978080)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	978080
RGB	151, 128, 128
RGB Percent	59%, 50%, 50%
CMY	0.4078, 0.4980, 0.4980
CMYK	0.00, 0.15, 0.15, 0.41
HSL	0°, 10%, 55%
HSV	0°, 15%, 59%
XYZ	24.3780, 23.5762, 23.6879
YIQ	134.8770, 13.7080, 4.8760

# Conversions

## Conversions Part 2

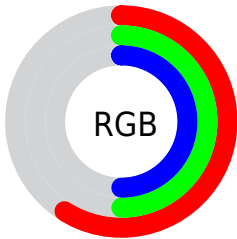
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	151, 128, 128
Decimal	9928832
CIE <sub>Lab</sub>	55.66, 8.80, 3.27
CIE <sub>LCh</sub>	56, 9.383, 20.371
Yxy	23.5762, 0.3403, 0.3291
Android (android.graphics.Color)	4288118912 (0xFF978080)
YUV	134.8770, -3.3904, 14.1399
Hunter-Lab	48.5553, 4.6470, 5.0639

# Details

The Hex color **978080** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **809797**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **CDB5B5**, and **644F4F** is the 20% darker color. If you saturate the color by 10%, you get **977171**, and if you desaturate by 10%, it is **978F8F**.

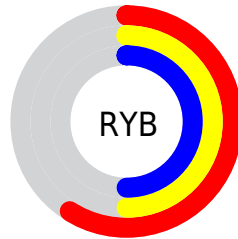
# Distribution



Red (59%)

Green (50%)

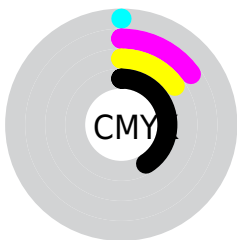
Blue (50%)



Red (59%)

Yellow (50%)

Blue (50%)

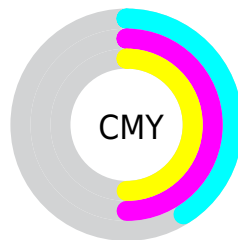


Cyan (0%)

Magenta (15%)

Yellow (15%)

Black (41%)



Cyan (41%)

Magenta (50%)

Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 978080 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 978080 by changing the saturation by 10% instead.



 978080

 978080

FFFFFF

 7D6767

 CDB5B5

 644F4F

 EAD0D0

 4C3838

 FFEDED

 352223

 200D0D

 000000

 978080

 978080

 977171

 978F8F

 976262

 979E9E

■ 975353

■ 97ADAD

■ 974444

■ 97BCBC

■ 973434

■ 97CBCB

■ 972525

■ 97DBDB

■ 971616

■ 97EAEA

■ 970707

■ 97F9F9

■ 970000

■ 97FFFF

# Harmonies

## Analogous

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



948088



978080



958179

# Triad

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



978080



7D897B



7A8795

# Complementary

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



978080



809797

# 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.



738992



978080



758A82

# Square

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



978080



868776



718A8B



848494

# Rectangle

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



978080



918376



718A8B



778894



# Sweetspot

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



978080



C4BBBB



978097



635D5D



E3E3E3



636363



# Same Dimension

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



978080



C4A1A1



978B80



4D4545



8C0000



0D0000



# Inverse Universe

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



809797



A1C4C4



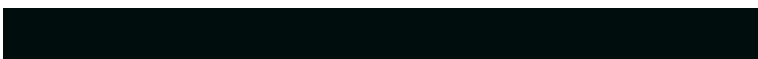
808B97



454D4D



008C8C



000D0D



# Previews

## White Background



This preview shows how the Hex color 978080 looks on a white background.

## Color Contrast Check

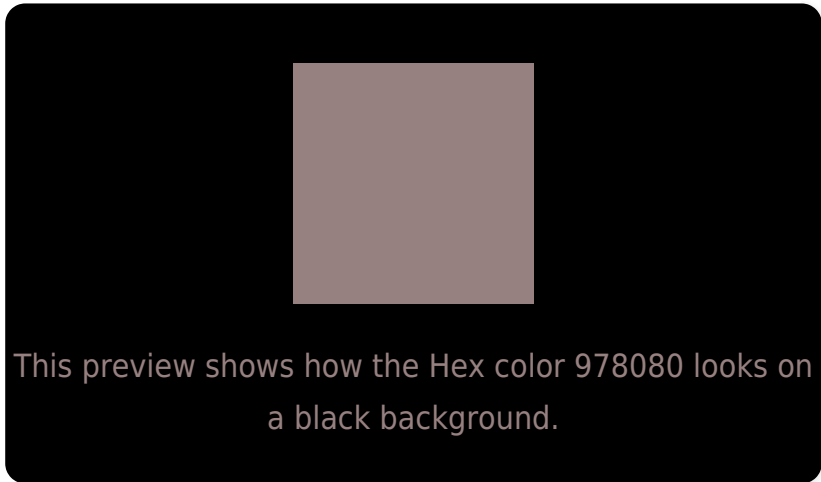
Large Text (above 18pt) WCAG AA ✓ Pass

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

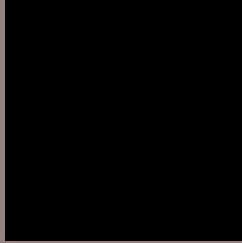
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 978080 Background



This preview shows how black text looks on a background with the Hex color 978080.



This preview shows how white text looks on a background with the Hex color 978080.

# 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**  
978080

**Protanopia**  
888583

**Deuteranopia**  
948180



**Tritanopia**  
987F89

# Trichromacy



**Original Color**  
978080

**Protanomaly**  
8D8382

**Deuteranomaly**  
958180

**Tritanomaly**  
987F86

# Monochromacy



**Original Color**  
978080

**Achromatopsia**  
878787

**Achromatomaly**  
8D8484

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 978080 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 #978080 looks like.

```
.text, #text, p{  
    color:#978080  
}
```

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 #978080 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #978080
}
```

## Border

The CSS property to change the border of an element to Hex 978080 is called "border". The border property can be set on classes, ids or directly on the HTML element.

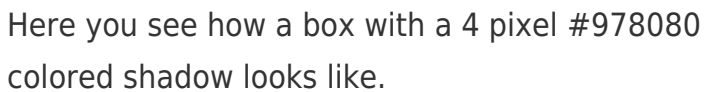
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#978080 }
```

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

```
.border{ border-color:#978080 }
```

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



Here you see how a box with a 4 pixel #978080 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #978080; -webkit-box-shadow:4px 4px  
4px 4px #978080; box-shadow:4px 4px 4px  
4px #978080 }
```

# Background

The CSS property to change the background color of an element to Hex 978080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#978080 }
```

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

```
.background{ background-color:#978080 }
```

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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