

# Converting Colors

Hex(977A70)

Have a look what the booklet for  
Hex(977A70) contains.

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**Color**

**Hex(977A70)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	977A70
RGB	151, 122, 112
RGB Percent	59%, 48%, 44%
CMY	0.4078, 0.5216, 0.5608
CMYK	0.00, 0.19, 0.26, 0.41
HSL	15°, 16%, 52%
HSV	15°, 26%, 59%
XYZ	22.6467, 21.6682, 18.3180
YIQ	129.5310, 20.4940, 3.0380

# Conversions

## Conversions Part 2

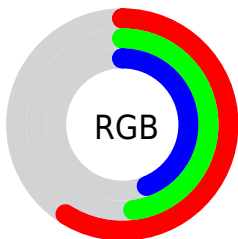
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	151, 125, 112
Decimal	9927280
CIE Lab	53.67, 9.66, 9.72
CIE LCh	54, 13.701, 45.175
Yxy	21.6682, 0.3616, 0.3460
Android (android.graphics.Color)	4288117360 (0xFF977A70)
YUV	129.5310, -8.6428, 18.8283
Hunter-Lab	46.5491, 5.3812, 9.2526

# Details

The Hex color **977A70** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **708D97**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **CEAEA4**, and **634940** is the 20% darker color. If you saturate the color by 10%, you get **976F61**, and if you desaturate by 10%, it is **97857F**.

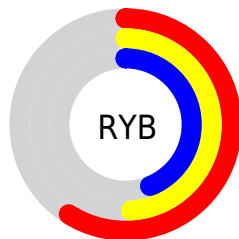
# Distribution



Red (59%)

Green (48%)

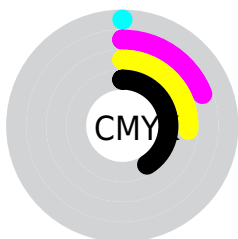
Blue (44%)



Red (59%)

Yellow (49%)

Blue (44%)

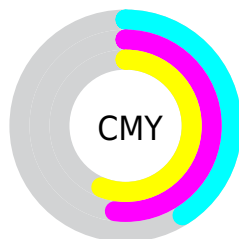


Cyan (0%)

Magenta (19%)

Yellow (26%)

Black (41%)



Cyan (41%)

Magenta (52%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 977A70 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 977A70 by changing the saturation by 10% instead.



 977A70

 977A70

FFFFFF

 7D6158

 CEAEA4

 634940

 EACABF

 4B332A

 FFE6DB

 331D16

 FFFFF7

 1F0500

 000000

 977A70

 977A70

 976F61

 97857F

 976452

 97908E

 975843

 979C9D

 974D34

 97A7AC

 974224

 97B2BC

 973715

 97BDCB

 972B06

 97C9DA

 972700

 97D4E9

 97DFF8

# Harmonies

## Analogous

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



99787B



977A70



8F7D6A

# Triad

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



977A70



69877A



7B7F97

# Complementary

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



977A70



708D97

# 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.



6C8397



977A70



628786

# Square

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



977A70



76856F



628691



8A7B91

# Rectangle

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



977A70



878069



628691



768198



# Sweetspot

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



977A70



C4B9B5



97708D



635C5A



E3E3E3



636363



# Same Dimension

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



977A70



C49787



978D70



4D4745



8C2400



0D0300



# Inverse Universe

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



708D97



87B5C4



707A97



454B4D



00688C



00090D



# Previews

## White Background



This preview shows how the Hex color 977A70 looks on a white background.

## Color Contrast Check

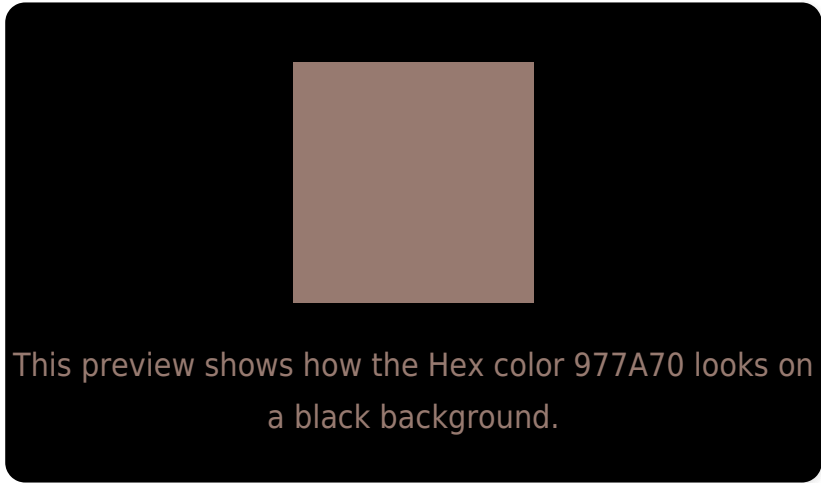
Large Text (above 18pt) WCAG AA ✓ Pass

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 977A70 Background



This preview shows how black text looks on a background with the Hex color 977A70.



This preview shows how white text looks on a background with the Hex color 977A70.

# 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**  
977A70

**Protanopia**  
868073

**Deuteranopia**  
937C70



**Tritanopia**  
997881

# Trichromacy



**Original Color**  
977A70

**Protanomaly**  
8C7E72

**Deuteranomaly**  
947B70

**Tritanomaly**  
98797B

# Monochromacy



**Original Color**  
977A70

**Achromatopsia**  
828282

**Achromatomaly**  
8A7F7B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 977A70 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 #977A70 looks like.

```
.text, #text, p{  
    color:#977A70  
}
```

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 #977A70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #977A70
}
```

## Border

The CSS property to change the border of an element to Hex 977A70 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
#977A70 }
```

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

```
.border{ border-color:#977A70 }
```

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

Here you see how a box with a 4 pixel #977A70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #977A70; -webkit-box-shadow:4px 4px  
4px 4px #977A70; box-shadow:4px 4px 4px  
4px #977A70 }
```

# Background

The CSS property to change the background color of an element to Hex 977A70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#977A70 }
```

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

```
.background{ background-color:#977A70 }
```

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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