

# Converting Colors

Hex(987850)

Have a look what the booklet for  
Hex(987850) contains.

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**Color**

**Hex(987850)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	987850
RGB	152, 120, 80
RGB Percent	60%, 47%, 31%
CMY	0.4039, 0.5294, 0.6863
CMYK	0.00, 0.21, 0.47, 0.40
HSL	33°, 31%, 45%
HSV	33°, 47%, 60%
XYZ	21.1133, 20.6875, 10.4697
YIQ	125.0080, 31.9120, -5.6560

# Conversions

## Conversions Part 2

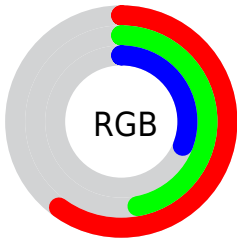
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	138, 152, 80
Decimal	9992272
CIE <sub>Lab</sub>	52.61, 7.10, 26.66
CIE <sub>LCh</sub>	53, 27.588, 75.088
Yxy	20.6875, 0.4039, 0.3958
Android (android.graphics.Color)	4288182352 (0xFF987850)
YUV	125.0080, -22.1889, 23.6720
Hunter-Lab	45.4835, 3.2630, 18.1907

# Details

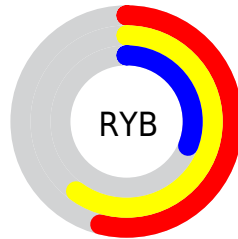
The Hex color **987850** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **507098**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **D0AC82**, and **634822** is the 20% darker color. If you saturate the color by 10%, you get **987141**, and if you desaturate by 10%, it is **987F5F**.

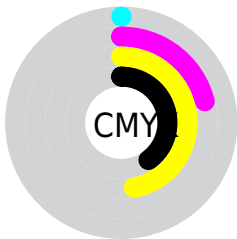
# Distribution



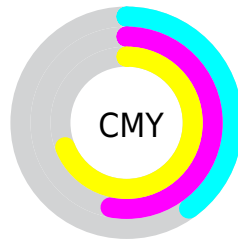
- Red (60%)
- Green (47%)
- Blue (31%)



- Red (54%)
- Yellow (60%)
- Blue (31%)



- Cyan (0%)
- Magenta (21%)
- Yellow (47%)
- Black (40%)



- Cyan (40%)
- Magenta (53%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 987850 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 987850 by changing the saturation by 10% instead.



 987850

 987850

FFFFFF

 7D5F39

 D0AC82

 634822

 EDC79C

 4A310C

 FFE4B7

 321C00

 FFFFD3

 1A0400

 FFFFEF

 000000

 987850

 987850

 987141

 987F5F

 986A32

 98866E

 986422

 988C7E

 985D13

 98938D

 985604

 989A9C

 985400

 98A1AB

 98A7BA

 98AECA

 98B5D9

# Harmonies

## Analogous

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



A7705D



987850



82804F

# Triad

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



987850



2F8A89



8F739F

# Complementary

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



987850



507098

# 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.



6F7CAB



987850



2B889E

# Square

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



987850



4A8A71



4A83AB



A56D8A

# Rectangle

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



987850



708456



4A83AB



8676A4



# Sweetspot

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



987850



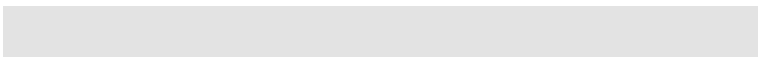
C4B8A9



985070



635C53



E3E3E3



636363



# Same Dimension

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



987850



C49354



949850



4D4945



8C4E00



0D0700



# Inverse Universe

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



507098



5486C4



545098



45484D



003E8C



00060D



# Previews

## White Background



This preview shows how the Hex color 987850 looks on a white background.

## Color Contrast Check

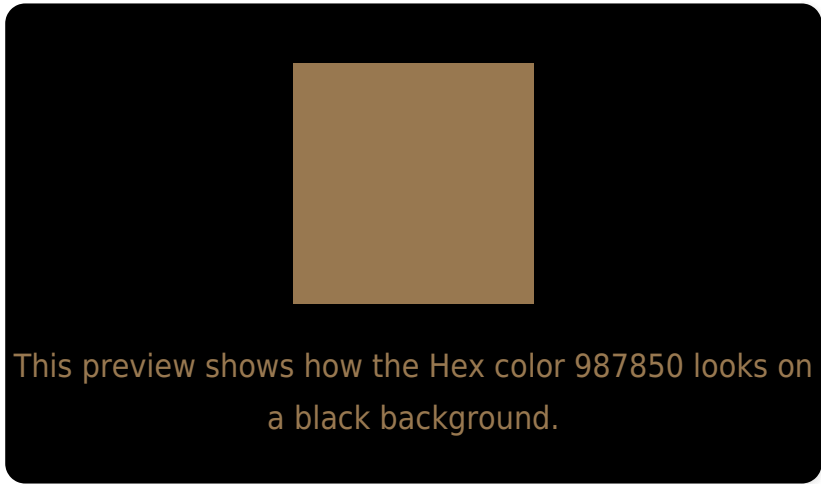
Large Text (above 18pt) WCAG AA ✓ Pass

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

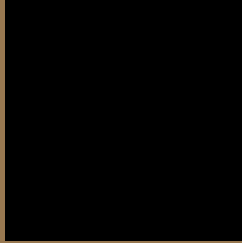
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 987850 Background



This preview shows how black text looks on a background with the Hex color 987850.



This preview shows how white text looks on a background with the Hex color 987850.

# 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**  
987850

**Protanopia**  
897E52

**Deuteranopia**  
987850



**Tritanopia**  
9C737B

# Trichromacy



**Original Color**  
987850

**Protanomaly**  
8E7C51

**Deuteranomaly**  
987850

**Tritanomaly**  
9B756B

# Monochromacy



**Original Color**  
987850

**Achromatopsia**  
7D7D7D

**Achromatomaly**  
877B6D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 987850 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 #987850 looks like.

```
.text, #text, p{  
    color:#987850  
}
```

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 #987850 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #987850
}
```

## Border

The CSS property to change the border of an element to Hex 987850 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
#987850 }
```

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

```
.border{ border-color:#987850 }
```

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

Here you see how a box with a 4 pixel #987850 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #987850; -webkit-box-shadow:4px 4px  
4px 4px #987850; box-shadow:4px 4px 4px  
4px #987850 }
```

# Background

The CSS property to change the background color of an element to Hex 987850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#987850 }
```

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

```
.background{ background-color:#987850 }
```

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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