

# Converting Colors

Hex(887975)

Have a look what the booklet for  
Hex(887975) contains.

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**Color**

**Hex(887975)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | 887975                    |
| RGB           | 136, 121, 117             |
| RGB Percent   | 53%, 47%, 46%             |
| CMY           | 0.4667, 0.5255, 0.5412    |
| CMYK          | 0.00, 0.11, 0.14, 0.47    |
| HSL           | 13°, 8%, 50%              |
| HSV           | 13°, 14%, 53%             |
| XYZ           | 20.2016, 20.1933, 19.6626 |
| YIQ           | 125.0290, 10.2240, 1.9360 |

# Conversions

## Conversions Part 2

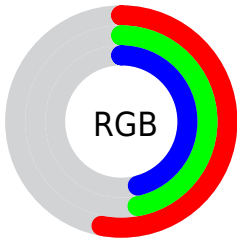
| <b>Format</b>                       | <b>Color</b>                 |
|-------------------------------------|------------------------------|
| <b>R<sub>YB</sub></b>               | 136, 122, 117                |
| Decimal                             | 8943989                      |
| CIE Lab                             | 52.06, 5.05, 4.29            |
| CIE LCh                             | 52, 6.626, 40.347            |
| Yxy                                 | 20.1933, 0.3364,<br>0.3362   |
| Android<br>(android.graphics.Color) | 4287134069<br>(0xFF887975)   |
| YUV                                 | 125.0290, -3.9583,<br>9.6216 |
| Hunter-Lab                          | 44.9370, 1.6056,<br>5.5130   |

# Details

The Hex color **887975** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **758488**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **BDADA9**, and **564945** is the 20% darker color. If you saturate the color by 10%, you get **886E67**, and if you desaturate by 10%, it is **888483**.

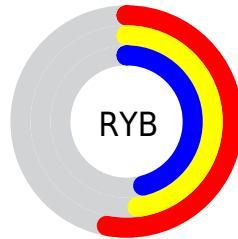
# Distribution



Red (53%)

Green (47%)

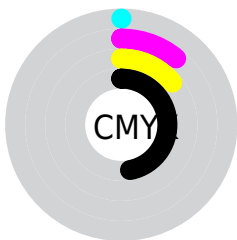
Blue (46%)



Red (53%)

Yellow (48%)

Blue (46%)

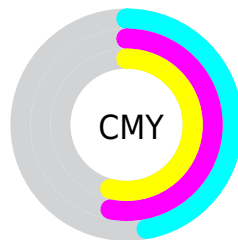


Cyan (0%)

Magenta (11%)

Yellow (14%)

Black (47%)



Cyan (47%)

Magenta (53%)

Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 887975 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 887975 by changing the saturation by 10% instead.





887975



887975

FFFFFF



6F605C



BDADA9



564945



D9C9C4



3F322F



F6E5E0



291D1A

FFFFFFD



150300



000000



887975



887975



886E67



888483



88645A



888E90

88594C

88999E

884E3F

88A4AB

884331

88AFB9

883923

88B9C7

882E16

88C4D4

882308

88CFE2

881D00

88DAEF

# Harmonies

## Analogous

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



88787A



887975



857A72

# Triad

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



887975



727F78



797C87

# Complementary

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



887975



758488

# 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.



727E87



887975



6F807E

# Square

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



887975



787E73



6F7F83



807A85

# Rectangle

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



887975



817C71



6F7F83



767D87



# Sweetspot

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



887975



B0AAA9



887584



595655



D9D9D9



595959



# Same Dimension

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



887975



B09892



888275



453F3E



851C00



050100



# Inverse Universe

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



758488



92AAB0



757B88



3E4345



006985



000405



# Previews

## White Background



This preview shows how the Hex color 887975 looks on a white background.

## Color Contrast Check

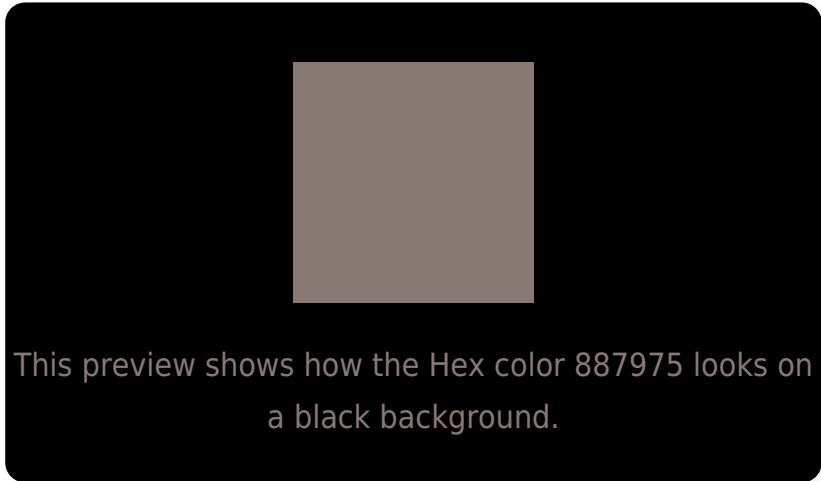
Large Text (above 18pt) WCAG AA ✓ Pass

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

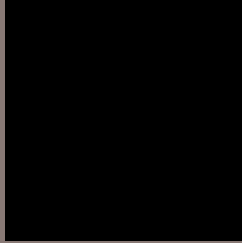
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 887975 Background



This preview shows how black text looks on a background with the Hex color 887975.



This preview shows how white text looks on a background with the Hex color 887975.

# 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**  
887975

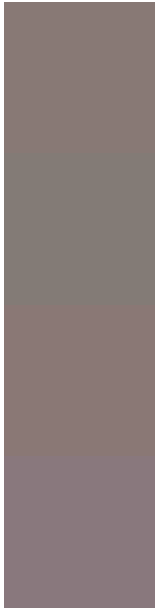
**Protanopia**  
807C76

**Deuteranopia**  
8B7875



**Tritanopia**  
8A7781

# Trichromacy



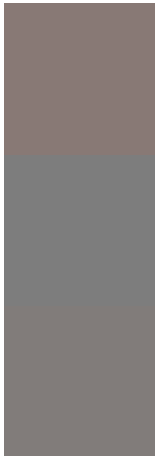
**Original Color**  
887975

**Protanomaly**  
837B76

**Deuteranomaly**  
8A7875

**Tritanomaly**  
89787D

# Monochromacy



**Original Color**  
887975

**Achromatopsia**  
7D7D7D

**Achromatomaly**  
817C7A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 887975 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 #887975 looks like.

```
.text, #text, p{  
    color:#887975  
}
```

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 #887975 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #887975
}
```

## Border

The CSS property to change the border of an element to Hex 887975 is called "border". The border property can be set on classes, ids or directly on the HTML element.

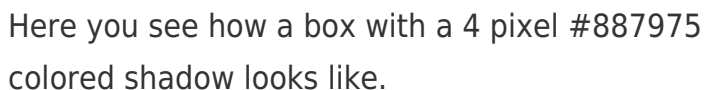
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#887975 }
```

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

```
.border{ border-color:#887975 }
```

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



Here you see how a box with a 4 pixel #887975 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #887975; -webkit-box-shadow:4px 4px  
4px 4px #887975; box-shadow:4px 4px 4px  
4px #887975 }
```

# Background

The CSS property to change the background color of an element to Hex 887975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#887975 }
```

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

```
.background{ background-color:#887975 }
```

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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