

# Converting Colors

Hex(887C75)

Have a look what the booklet for  
Hex(887C75) contains.

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# Color

Hex(887C75)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	887C75
RGB	136, 124, 117
RGB Percent	53%, 49%, 46%
CMY	0.4667, 0.5137, 0.5412
CMYK	0.00, 0.09, 0.14, 0.47
HSL	22°, 8%, 50%
HSV	22°, 14%, 53%
XYZ	20.5719, 20.9339, 19.7860
YIQ	126.7900, 9.3990, 0.3670

# Conversions

## Conversions Part 2

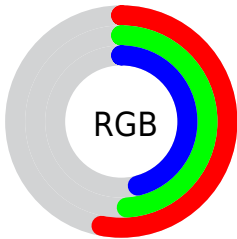
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	136, 128, 117
Decimal	8944757
CIE <sub>Lab</sub>	52.88, 3.32, 5.47
CIE <sub>LCh</sub>	53, 6.399, 58.756
Yxy	20.9339, 0.3356, 0.3415
Android (android.graphics.Color)	4287134837 (0xFF887C75)
YUV	126.7900, -4.8265, 8.0772
Hunter-Lab	45.7536, 0.1890, 6.3877

# Details

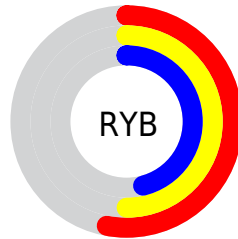
The Hex color **887C75** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **758188**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **BDB0A9**, and **564B45** is the 20% darker color. If you saturate the color by 10%, you get **887367**, and if you desaturate by 10%, it is **888583**.

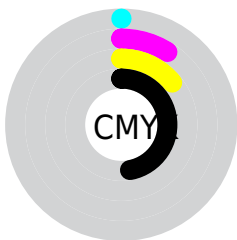
# Distribution



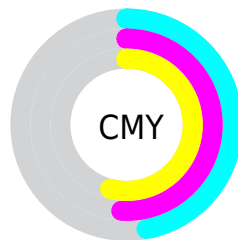
- Red (53%)
- Green (49%)
- Blue (46%)



- Red (53%)
- Yellow (50%)
- Blue (46%)



- Cyan (0%)
- Magenta (9%)
- Yellow (14%)
- Black (47%)



- Cyan (47%)
- Magenta (51%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 887C75 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 887C75 by changing the saturation by 10% instead.





887C75



887C75

FFFFFF



6F635C



BDB0A9



564B45



D9CCC4



3F352F



F6E8E0



291F1A

FFFFFFD



150700



000000



887C75



887C75



887367



888583



886B5A



888D90

 88624C

 88969E

 885A3F

 889EAB

 885131

 88A7B9

 884823

 88B0C7

 884016

 88B8D4

 883708

 88C1E2

 883200

 88C9EF

# Harmonies

## Analogous

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



8A7B79



887C75



837E73

# Triad

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



887C75



72827E



7F7D88

# Complementary

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



887C75



758188

# 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.



787F89



887C75



718183

# Square

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



887C75



778178



738087



857B84

# Rectangle

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



887C75



7F7F74



738087



7D7D89



# Sweetspot

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



887C75



B0ACA9



887581



595655



D9D9D9



595959



# Same Dimension

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



887C75



B09D92



888575



45413E



853100



050200



# Inverse Universe

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



758188



92A5B0



757888



3E4245



005485



000305



# Previews

## White Background



This preview shows how the Hex color 887C75 looks on a white background.

## Color Contrast Check

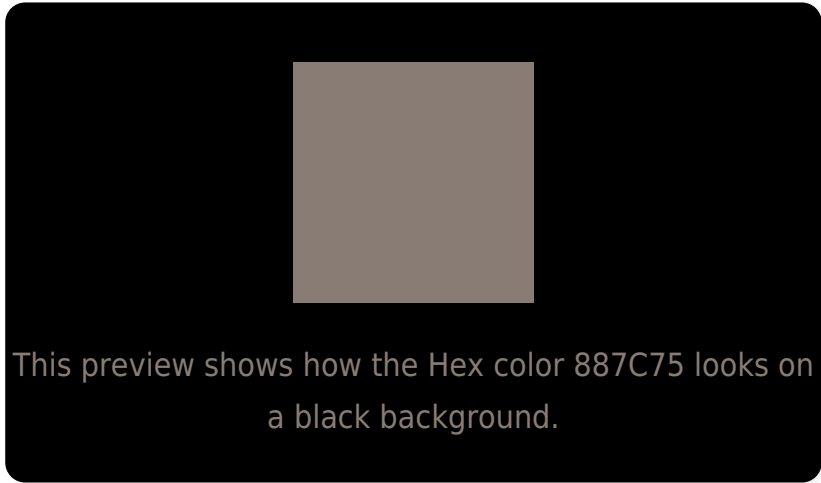
Large Text (above 18pt) WCAG AA ✓ Pass

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

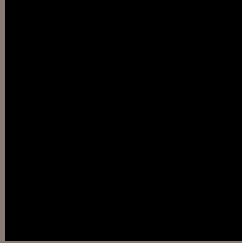
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 887C75 Background



This preview shows how black text looks on a background with the Hex color 887C75.



This preview shows how white text looks on a background with the Hex color 887C75.

# 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**  
887C75

**Protanopia**  
827E76

**Deuteranopia**  
8E7A75



**Tritanopia**  
8A7A83

# Trichromacy



**Original Color**  
887C75

**Protanomaly**  
847D76

**Deuteranomaly**  
8C7B75

**Tritanomaly**  
897B7E

# Monochromacy



**Original Color**  
887C75

**Achromatopsia**  
7F7F7F

**Achromatomaly**  
827E7B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 887C75 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 #887C75 looks like.

```
.text, #text, p{  
    color:#887C75  
}
```

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 #887C75 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #887C75
}
```

## Border

The CSS property to change the border of an element to Hex 887C75 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
#887C75 }
```

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

```
.border{ border-color:#887C75 }
```

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

Here you see how a box with a 4 pixel #887C75 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #887C75; -webkit-box-shadow:4px 4px  
4px 4px #887C75; box-shadow:4px 4px 4px  
4px #887C75 }
```

# Background

The CSS property to change the background color of an element to Hex 887C75 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#887C75 }
```

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

```
.background{ background-color:#887C75 }
```

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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