

# Converting Colors

Hex(89887F)

Have a look what the booklet for  
Hex(89887F) contains.

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# Color

**Hex(89887F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	89887F
RGB	137, 136, 127
RGB Percent	54%, 53%, 50%
CMY	0.4627, 0.4667, 0.5020
CMYK	0.00, 0.01, 0.07, 0.46
HSL	54°, 4%, 52%
HSV	54°, 7%, 54%
XYZ	22.9515, 24.4590, 23.5901
YIQ	135.2730, 3.4850, -2.5870

# Conversions

## Conversions Part 2

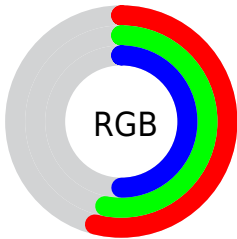
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	128, 137, 127
Decimal	9013375
CIE <sub>Lab</sub>	56.54, -1.33, 4.96
CIE <sub>LCh</sub>	57, 5.132, 105.058
Yxy	24.4590, 0.3233, 0.3445
Android (android.graphics.Color)	4287203455 (0xFF89887F)
YUV	135.2730, -4.0786, 1.5146
Hunter-Lab	49.4560, -3.7101, 6.3385

# Details

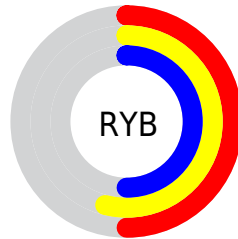
The Hex color **89887F** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **7F8089**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **BEBDB4**, and **57564E** is the 20% darker color. If you saturate the color by 10%, you get **898771**, and if you desaturate by 10%, it is **89898D**.

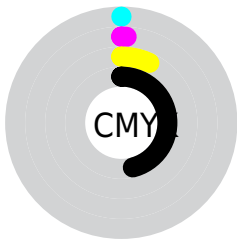
# Distribution



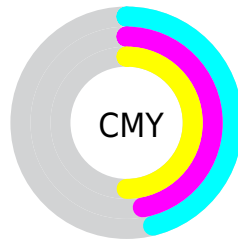
- Red (54%)
- Green (53%)
- Blue (50%)



- Red (50%)
- Yellow (54%)
- Blue (50%)



- Cyan (0%)
- Magenta (1%)
- Yellow (7%)
- Black (46%)



- Cyan (46%)
- Magenta (47%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 89887F 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 89887F by changing the saturation by 10% instead.





89887F



89887F

FFFFFF



706F66



BEBDB4



57564E



DAD9CF



403F37



F7F5EB



2A2922



16150C



000000



89887F



89887F



898771



89898D



898564



898B9A

898456

898CA8

898348

898DB6

89813B

898FC4

89802D

8990D1

897E1F

8992DF

897D11

8993ED

897C04

8994FA

# Harmonies

## Analogous

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



8E877F



89887F



848981

# Triad

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



89887F



7D8A8E



8F858A

# Complementary

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



89887F



7F8089

# 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.



8B868E



89887F



818990

# Square

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



89887F



7D8A8A



868790



918585

# Rectangle

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



89887F



818A84



868790



8E858B



# Sweetspot

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



89887F



B3B2AF



897F80



595957



D9D9D9



595959



# Same Dimension

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



89887F



B3B1A2



85897F



45443E



857700



050500



# Inverse Universe

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



7F8089



A2A4B3



837F89



3E3F45



000D85



000105



# Previews

## White Background



This preview shows how the Hex color 89887F looks on a white background.

## Color Contrast Check

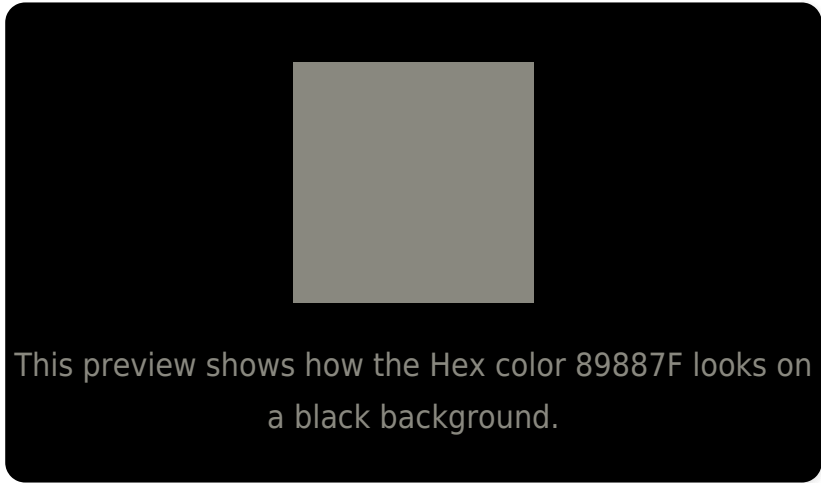
Large Text (above 18pt) WCAG AA ✓ Pass

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

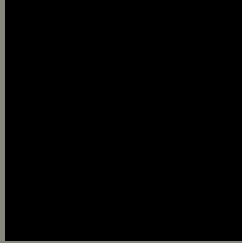
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

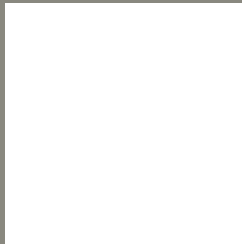
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 89887F Background



This preview shows how black text looks on a background with the Hex color 89887F.



This preview shows how white text looks on a background with the Hex color 89887F.

# 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**  
89887F

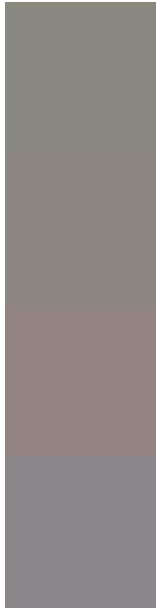
**Protanopia**  
8C877E

**Deuteranopia**  
978380



**Tritanopia**  
8B8590

# Trichromacy



**Original Color**  
89887F

**Protanomaly**  
8B877E

**Deuteranomaly**  
928580

**Tritanomaly**  
8A868A

# Monochromacy



**Original Color**  
89887F

**Achromatopsia**  
878787

**Achromatomaly**  
888784

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 89887F 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 #89887F looks like.

```
.text, #text, p{  
    color:#89887F  
}
```

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 #89887F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89887F
}
```

## Border

The CSS property to change the border of an element to Hex 89887F is called "border". The border property can be set on classes, ids or directly on the HTML element.

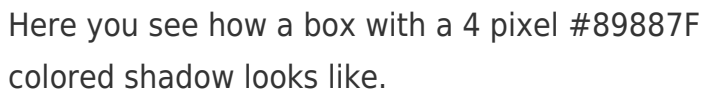
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#89887F }
```

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

```
.border{ border-color:#89887F }
```

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



Here you see how a box with a 4 pixel #89887F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89887F; -webkit-box-shadow:4px 4px  
4px 4px #89887F; box-shadow:4px 4px 4px  
4px #89887F }
```

# Background

The CSS property to change the background color of an element to Hex 89887F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89887F }
```

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

```
.background{ background-color:#89887F }
```

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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