

# Converting Colors

Hex(887B84)

Have a look what the booklet for  
Hex(887B84) contains.

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**Color**

**Hex(887B84)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	887B84
RGB	136, 123, 132
RGB Percent	53%, 48%, 52%
CMY	0.4667, 0.5176, 0.4824
CMYK	0.00, 0.10, 0.03, 0.47
HSL	318°, 5%, 51%
HSV	318°, 10%, 53%
XYZ	21.4012, 21.0661, 24.7680
YIQ	127.9130, 4.8590, 5.5550

# Conversions

## Conversions Part 2

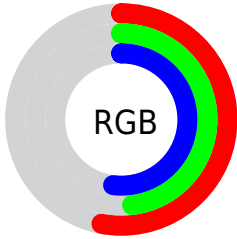
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	136, 123, 132
Decimal	8944516
CIE Lab	53.02, 6.68, -3.09
CIE LCh	53, 7.355, 335.198
Yxy	21.0661, 0.3183, 0.3133
Android (android.graphics.Color)	4287134596 (0xFF887B84)
YUV	127.9130, 2.0149, 7.0923
Hunter-Lab	45.8978, 2.9095, 0.1336

# Details

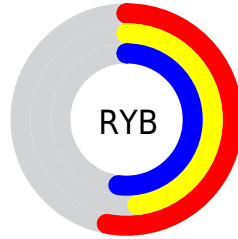
The Hex color **887B84** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7B887F**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **BDAFB9**, and **564A53** is the 20% darker color. If you saturate the color by 10%, you get **886D80**, and if you desaturate by 10%, it is **888988**.

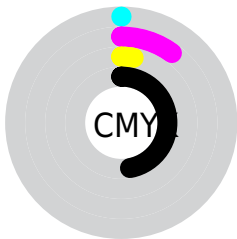
# Distribution



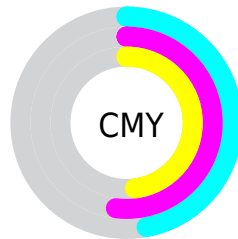
- Red (53%)
- Green (48%)
- Blue (52%)



- Red (53%)
- Yellow (48%)
- Blue (52%)



- Cyan (0%)
- Magenta (10%)
- Yellow (3%)
- Black (47%)



- Cyan (47%)
- Magenta (52%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 887B84 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 887B84 by changing the saturation by 10% instead.





887B84



887B84

FFFFFF



6F626B



BDAFB9



564A53



D9CBD5



3F343C



F6E7F1



291F26



150611



000000



887B84



887B84



886D80



888988



88607C



88968C

885277

88A491

884573

88B195

88376F

88BF99

88296B

88CD9D

881C67

88DAA1

880E63

88E8A5

88015E

88F5AA

# Harmonies

## Analogous

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



817D89



887B84



8C7A7E

# Triad

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



887B84



837E72



6F8286

# Complementary

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



887B84



7B887F

# 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.



70827F



887B84



7B8074

# Square

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



887B84



897C73



758279



73818A

# Rectangle

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



887B84



8C7B79



758279



6F8284



# Sweetspot

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



887B84



B0ABAE



7F7B88



595658



D9D9D9



595959



# Same Dimension

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



887B84



B09DAA



887B7E



453E43



85005C



050004



# Inverse Universe

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



887B84



B09DAA



7B8885



453E43



85005C



050004



# Previews

## White Background



This preview shows how the Hex color 887B84 looks on a white background.

## Color Contrast Check

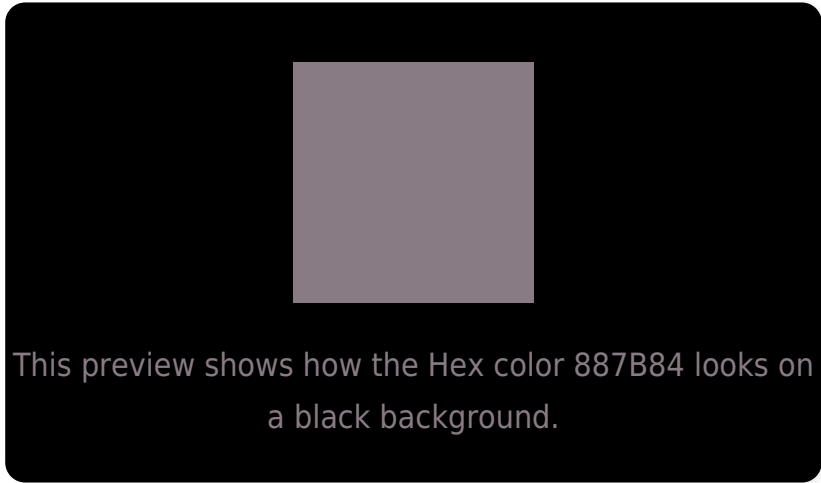
Large Text (above 18pt) WCAG AA ✓ Pass

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

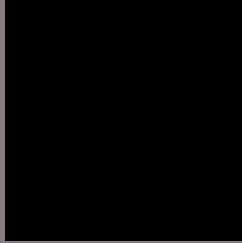
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 887B84 Background



This preview shows how black text looks on a background with the Hex color 887B84.



This preview shows how white text looks on a background with the Hex color 887B84.

# 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**

887B84

**Protanopia**

7F7E86

**Deuteranopia**

887B84



**Tritanopia**  
887B85

# Trichromacy



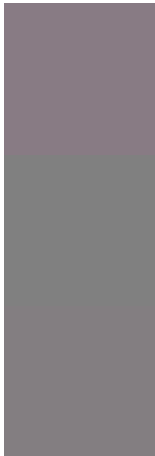
**Original Color**  
887B84

**Protanomaly**  
827D85

**Deuteranomaly**  
887B84

**Tritanomaly**  
887B85

# Monochromacy



**Original Color**  
887B84

**Achromatopsia**  
808080

**Achromatomaly**  
837E81

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 887B84 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 #887B84 looks like.

```
.text, #text, p{  
  color:#887B84  
}
```

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 #887B84 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #887B84
}
```

## Border

The CSS property to change the border of an element to Hex 887B84 is called "border". The border property can be set on classes, ids or directly on the HTML element.

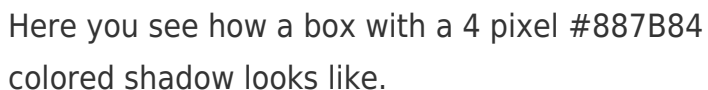
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#887B84 }
```

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

```
.border{ border-color:#887B84 }
```

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



Here you see how a box with a 4 pixel #887B84 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #887B84; -webkit-box-shadow:4px 4px  
4px 4px #887B84; box-shadow:4px 4px 4px  
4px #887B84 }
```

# Background

The CSS property to change the background color of an element to Hex 887B84 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#887B84 }
```

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

```
.background{ background-color:#887B84 }
```

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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