

# Converting Colors

Hex(887A82)

Have a look what the booklet for  
Hex(887A82) contains.

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# Color

Hex(887A82)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	887A82
RGB	136, 122, 130
RGB Percent	53%, 48%, 51%
CMY	0.4667, 0.5216, 0.4902
CMYK	0.00, 0.10, 0.04, 0.47
HSL	326°, 6%, 51%
HSV	326°, 10%, 53%
XYZ	21.1421, 20.7650, 24.0128
YIQ	127.0980, 5.7760, 5.4560

# Conversions

## Conversions Part 2

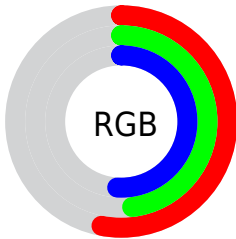
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	136, 122, 130
Decimal	8944258
CIE Lab	52.69, 6.87, -2.40
CIE LCh	53, 7.276, 340.730
Yxy	20.7650, 0.3207, 0.3150
Android (android.graphics.Color)	4287134338 (0xFF887A82)
YUV	127.0980, 1.4307, 7.8071
Hunter-Lab	45.5686, 3.0722, 0.6546

# Details

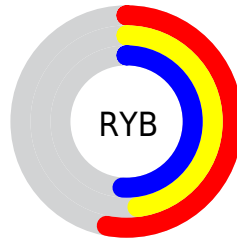
The Hex color **887A82** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7A8880**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **BDAEB7**, and **564951** is the 20% darker color. If you saturate the color by 10%, you get **886C7C**, and if you desaturate by 10%, it is **888888**.

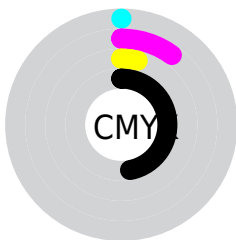
# Distribution



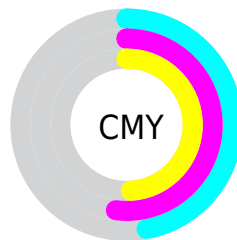
- Red (53%)
- Green (48%)
- Blue (51%)



- Red (53%)
- Yellow (48%)
- Blue (51%)



- Cyan (0%)
- Magenta (10%)
- Yellow (4%)
- Black (47%)



- Cyan (47%)
- Magenta (52%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 887A82 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 887A82 by changing the saturation by 10% instead.





887A82



887A82

FFFFFF



6F6169



BDAEB7



564951



D9CAD2



3F333A



F6E6EF



291E24



15050F



000000



887A82



887A82



886C7C



888888



885F76



88958E

885171

88A393

88446B

88B099

883665

88BE9F

88285F

88CCA5

881B59

88D9AB

880D53

88E7B1

88004E

88F4B6

# Harmonies

## Analogous

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



827B87



887A82



8B7A7C

# Triad

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



887A82



817E72



6F8186

# Complementary

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



887A82



7A8880

# 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.



6F8280



887A82



798074

# Square

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



887A82



877C72



738179



737F89

# Rectangle

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



887A82



8B7A78



738179



6E8184



# Sweetspot

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



887A82



B0ABAE



807A88



595658



D9D9D9



595959



# Same Dimension

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



887A82



B09BA7



887A7B



453E42



85004C



050003



# Inverse Universe

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



887A82



B09BA7



7A8887



453E42



85004C



050003



# Previews

## White Background



This preview shows how the Hex color 887A82 looks on a white background.

## Color Contrast Check

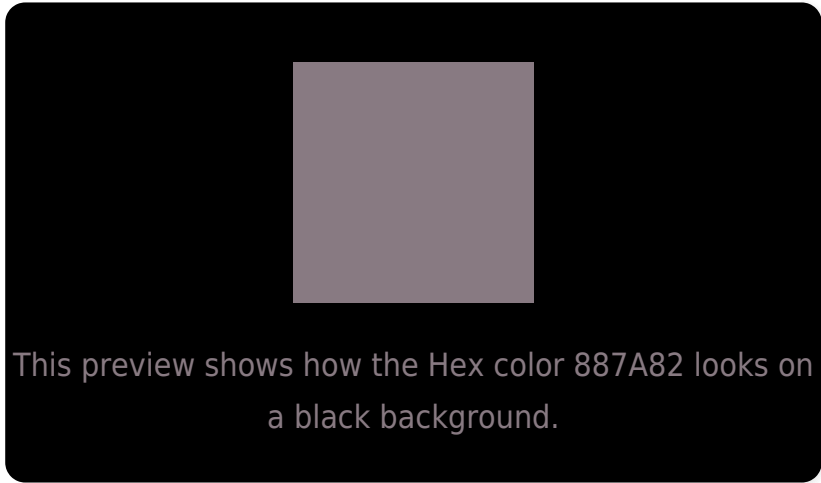
Large Text (above 18pt) WCAG AA ✓ Pass

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

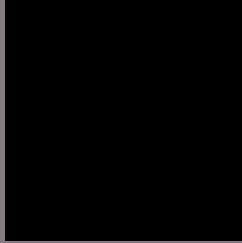
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 887A82 Background



This preview shows how black text looks on a background with the Hex color 887A82.



This preview shows how white text looks on a background with the Hex color 887A82.

# 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**  
887A82

**Protanopia**  
7E7D84

**Deuteranopia**  
887A82



**Tritanopia**  
887A83

# Trichromacy



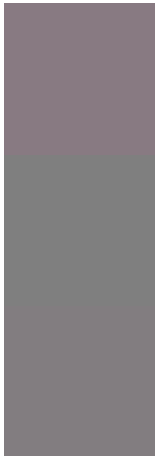
**Original Color**  
887A82

**Protanomaly**  
827C83

**Deuteranomaly**  
887A82

**Tritanomaly**  
887A83

# Monochromacy



**Original Color**  
887A82

**Achromatopsia**  
7F7F7F

**Achromatomaly**  
827D80

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 887A82 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 #887A82 looks like.

```
.text, #text, p{  
    color:#887A82  
}
```

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 #887A82 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #887A82
}
```

## Border

The CSS property to change the border of an element to Hex 887A82 is called "border". The border property can be set on classes, ids or directly on the HTML element.

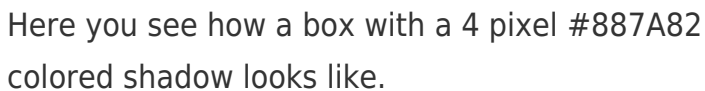
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#887A82 }
```

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

```
.border{ border-color:#887A82 }
```

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



Here you see how a box with a 4 pixel #887A82 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #887A82; -webkit-box-shadow:4px 4px  
4px 4px #887A82; box-shadow:4px 4px 4px  
4px #887A82 }
```

# Background

The CSS property to change the background color of an element to Hex 887A82 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#887A82 }
```

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

```
.background{ background-color:#887A82 }
```

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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