

# Converting Colors

Hex(84987A)

Have a look what the booklet for  
Hex(84987A) contains.

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**Color**

**Hex(84987A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	84987A
RGB	132, 152, 122
RGB Percent	52%, 60%, 48%
CMY	0.4824, 0.4039, 0.5216
CMYK	0.13, 0.00, 0.20, 0.40
HSL	100°, 13%, 54%
HSV	100°, 20%, 60%
XYZ	24.2568, 28.7671, 22.6865
YIQ	142.6000, -2.2900, -13.5700

# Conversions

## Conversions Part 2

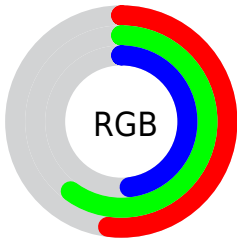
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	122, 152, 142
Decimal	8689786
CIE <sub>Lab</sub>	60.58, -12.91, 13.46
CIE <sub>LCh</sub>	61, 18.653, 133.816
Yxy	28.7671, 0.3204, 0.3800
Android (android.graphics.Color)	4286879866 (0xFF84987A)
YUV	142.6000, -10.1558, -9.2962
Hunter-Lab	53.6350, -13.1334, 12.4661

# Details

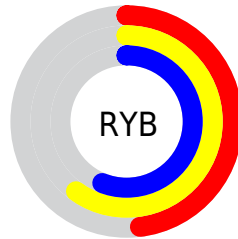
The Hex color **84987A** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **8E7A98**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **B9CEAE**, and **526549** is the 20% darker color. If you saturate the color by 10%, you get **7A986B**, and if you desaturate by 10%, it is **8E9889**.

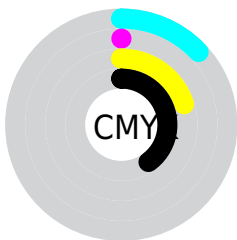
# Distribution



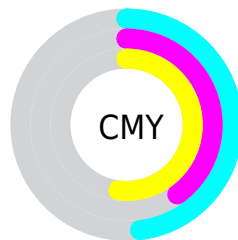
- Red (52%)
- Green (60%)
- Blue (48%)



- Red (48%)
- Yellow (60%)
- Blue (56%)



- Cyan (13%)
- Magenta (0%)
- Yellow (20%)
- Black (40%)



- Cyan (48%)
- Magenta (40%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 84987A 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 84987A by changing the saturation by 10% instead.





84987A



84987A

FFFFFF



6B7E61



B9CEAE



526549



D5EBCA



3B4D33



F1FFE6



25361D



112105



000400



000000



84987A




84987A



7A986B



8E9889

 70985C


 989898

 66984C

 A298A8

 5B983D

 AD98B7

 51982E

 B798C6

 47981F

 C198D5

 3D9810

 CB98E4

 339800

 D598F4

 DF98FF

# Harmonies

## Analogous

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



979372



84987A



729B88

# Triad

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



84987A



7496B1



B4878B

# Complementary

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



84987A



8E7A98

# 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.



AE879C



84987A



8991B2

# Square

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



84987A



669AA8



9E8BAA



B1897C

# Rectangle

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



84987A



699C94



9E8BAA



B38691



# Sweetspot

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



84987A



BCC4B9



988E7A



5F635C



E3E3E3



636363



# Same Dimension

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



84987A



A5C495



7A987F



474D45



2F8C00



040D00



# Inverse Universe

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



8E7A98



B595C4



987A93



4A454D



5E008C

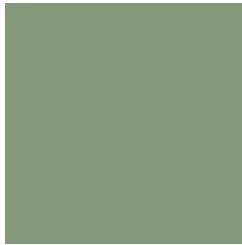


09000D



# Previews

## White Background



This preview shows how the Hex color 84987A looks on a white background.

## Color Contrast Check

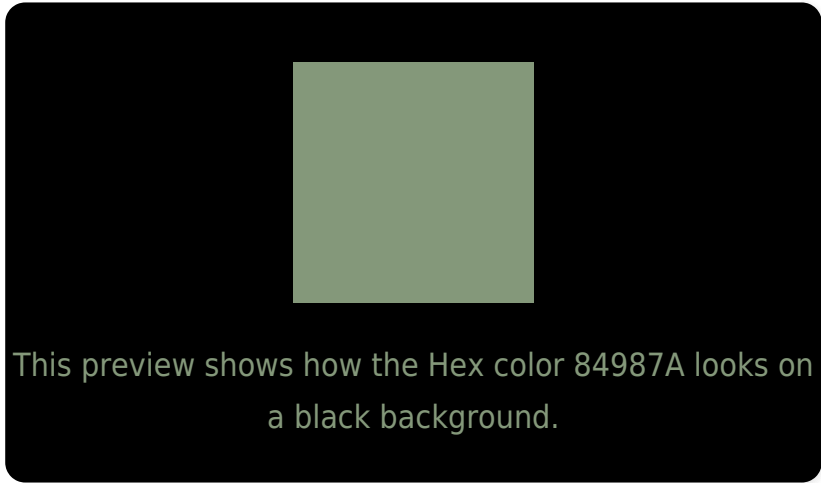
Large Text (above 18pt) WCAG AA ✓ Pass

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

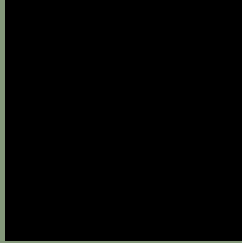
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 84987A Background



This preview shows how black text looks on a background with the Hex color 84987A.



This preview shows how white text looks on a background with the Hex color 84987A.

# 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](#).

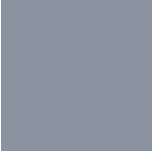
## Dichromacy



**Original Color**  
84987A

**Protanopia**  
9A9277

**Deuteranopia**  
A78C7C

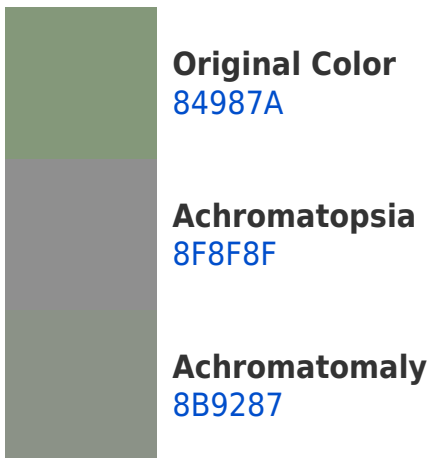


**Tritanopia**  
8A939F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 84987A 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 #84987A looks like.

```
.text, #text, p{  
    color:#84987A  
}
```

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 #84987A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84987A
}
```

## Border

The CSS property to change the border of an element to Hex 84987A 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
#84987A }
```

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

```
.border{ border-color:#84987A }
```

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

Here you see how a box with a 4 pixel #84987A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84987A; -webkit-box-shadow:4px 4px  
4px 4px #84987A; box-shadow:4px 4px 4px  
4px #84987A }
```

# Background

The CSS property to change the background color of an element to Hex 84987A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84987A }
```

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

```
.background{ background-color:#84987A }
```

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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