

# Converting Colors

Hex(847A7A)

Have a look what the booklet for  
Hex(847A7A) contains.

<b>Hex(847A7A)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(847A7A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	847A7A
RGB	132, 122, 122
RGB Percent	52%, 48%, 48%
CMY	0.4824, 0.5216, 0.5216
CMYK	0.00, 0.08, 0.08, 0.48
HSL	0°, 4%, 50%
HSV	0°, 8%, 52%
XYZ	19.9881, 20.2297, 21.2636
YIQ	124.9900, 5.9600, 2.1200

# Conversions

## Conversions Part 2

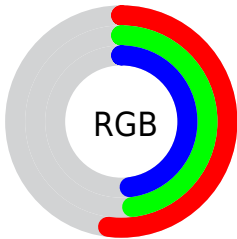
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	132, 122, 122
Decimal	8682106
CIE Lab	52.10, 3.82, 1.37
CIE LCh	52, 4.058, 19.759
Yxy	20.2297, 0.3251, 0.3290
Android (android.graphics.Color)	4286872186 (0xFF847A7A)
YUV	124.9900, -1.4741, 6.1478
Hunter-Lab	44.9775, 0.6152, 3.4542

# Details

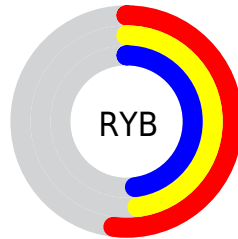
The Hex color **847A7A** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7A8484**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **B9AEAE**, and **534949** is the 20% darker color. If you saturate the color by 10%, you get **846D6D**, and if you desaturate by 10%, it is **848787**.

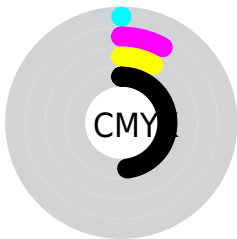
# Distribution



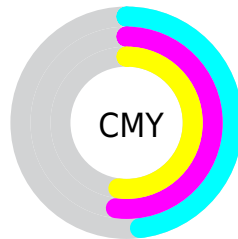
- Red (52%)
- Green (48%)
- Blue (48%)



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



- Cyan (0%)
- Magenta (8%)
- Yellow (8%)
- Black (48%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 847A7A 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 847A7A by changing the saturation by 10% instead.





847A7A



847A7A

FFFFFF



6B6161



B9AEAE



534949



D5CACA



3B3333



F1E6E6



261E1E



110504



000000



847A7A



847A7A



846D6D



848787



846060



849494

 845252

 84A2A2

 844545

 84AFAF

 843838

 84BCBC

 842B2B

 84C9C9

 841E1E

 84D6D6

 841010

 84E4E4

 840303

 84F1F1

# Harmonies

## Analogous

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



837A7E



847A7A



837B77

# Triad

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



847A7A



797E78



777D83

# Complementary

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



847A7A



7A8484

# 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.



757E81



847A7A



757E7B

# Square

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



847A7A



7D7D76



747E7E



7C7C83

# Rectangle

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



847A7A



827B76



747E7E



767D83



# Sweetspot

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



847A7A



ABA7A7



847A84



575555



D6D6D6



575757



# Same Dimension

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



847A7A



AB9B9B



847F7A



423C3C



820000



030000



# Inverse Universe

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



7A8484



9BABAB



7A7F84



3C4242



008282



000303



# Previews

## White Background



This preview shows how the Hex color 847A7A looks on a white background.

## Color Contrast Check

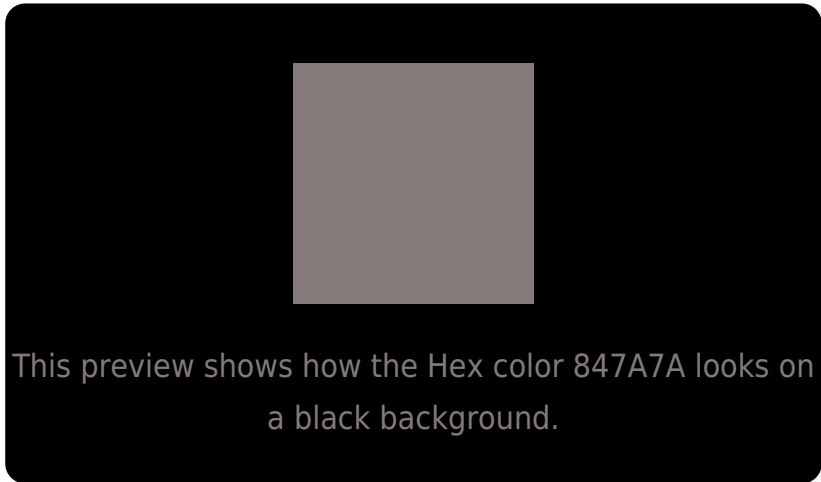
Large Text (above 18pt) WCAG AA ✓ Pass

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

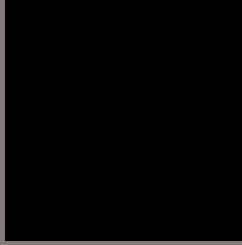
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 847A7A Background



This preview shows how black text looks on a background with the Hex color 847A7A.



This preview shows how white text looks on a background with the Hex color 847A7A.

# 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**

847A7A

**Protanopia**

7F7C7B

**Deuteranopia**

89787A



**Tritanopia**  
857982

# Trichromacy



**Original Color**

847A7A

**Protanomaly**

817B7B

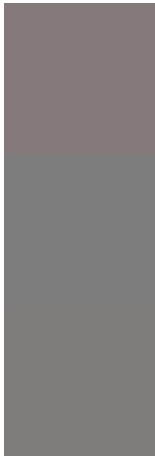
**Deuteranomaly**

87797A

**Tritanomaly**

85797F

# Monochromacy



**Original Color**

847A7A

**Achromatopsia**

7D7D7D

**Achromatomaly**

807C7C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 847A7A 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 #847A7A looks like.

```
.text, #text, p{  
    color:#847A7A  
}
```

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 #847A7A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #847A7A
}
```

## Border

The CSS property to change the border of an element to Hex 847A7A 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
#847A7A }
```

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

```
.border{ border-color:#847A7A }
```

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

Here you see how a box with a 4 pixel #847A7A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #847A7A; -webkit-box-shadow:4px 4px  
4px 4px #847A7A; box-shadow:4px 4px 4px  
4px #847A7A }
```

# Background

The CSS property to change the background color of an element to Hex 847A7A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#847A7A }
```

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

```
.background{ background-color:#847A7A }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor