

# Converting Colors

Hex(847970)

Have a look what the booklet for  
Hex(847970) contains.

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**Color**

**Hex(847970)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	847970
RGB	132, 121, 112
RGB Percent	52%, 47%, 44%
CMY	0.4824, 0.5255, 0.5608
CMYK	0.00, 0.08, 0.15, 0.48
HSL	27°, 8%, 48%
HSV	27°, 15%, 52%
XYZ	19.2777, 19.7501, 18.1253
YIQ	123.2630, 9.4450, -0.4670

# Conversions

## Conversions Part 2

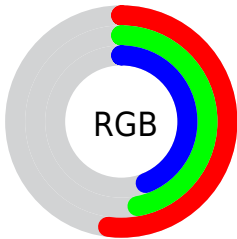
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	132, 128, 112
Decimal	8681840
CIE Lab	51.55, 2.59, 6.45
CIE LCh	52, 6.953, 68.110
Yxy	19.7501, 0.3373, 0.3456
Android (android.graphics.Color)	4286871920 (0xFF847970)
YUV	123.2630, -5.5527, 7.6623
Hunter-Lab	44.4411, -0.3420, 6.9273

# Details

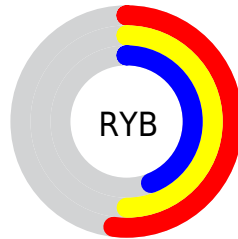
The Hex color **847970** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **707B84**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **B9ADA4**, and **524940** is the 20% darker color. If you saturate the color by 10%, you get **847263**, and if you desaturate by 10%, it is **84807D**.

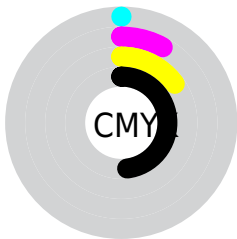
# Distribution



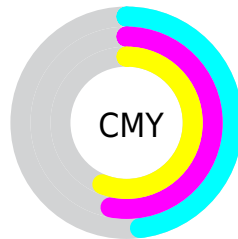
- Red (52%)
- Green (47%)
- Blue (44%)



- Red (52%)
- Yellow (50%)
- Blue (44%)



- Cyan (0%)
- Magenta (8%)
- Yellow (15%)
- Black (48%)



- Cyan (48%)
- Magenta (53%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 847970 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 847970 by changing the saturation by 10% instead.





847970



847970

FFFFFF



6B6058



B9ADA4



524940



D5C9BF



3B322A



F1E5DB



251D16



FFFFF7



0F0300



000000



847970



847970



847263



84807D



846A56



84888A

846348

848F98

845C3B

8496A5

84552E

849DB2

844D21

84A5BF

844614

84ACCC

843F06

84B3DA

843B00

84BAE7

# Harmonies

## Analogous

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



877774



847970



7E7B6F

# Triad

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



847970



6D7E7C



7E7984

# Complementary

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



847970



707B84

# 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.



777B86



847970



6D7E82

# Square

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



847970



717E76



707D86



84777F

# Rectangle

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



847970



7A7C70



707D86



7C7985



# Sweetspot

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



847970



ABA6A2



84707B



575451



D6D6D6



575757



# Same Dimension

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



847970



AB9A8C



848370



423F3C



823B00



030100



# Inverse Universe

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



707B84



8C9DAB



707184



3C3F42



004882

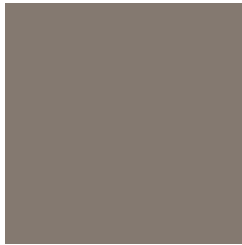


000103



# Previews

## White Background



This preview shows how the Hex color 847970 looks on a white background.

## Color Contrast Check

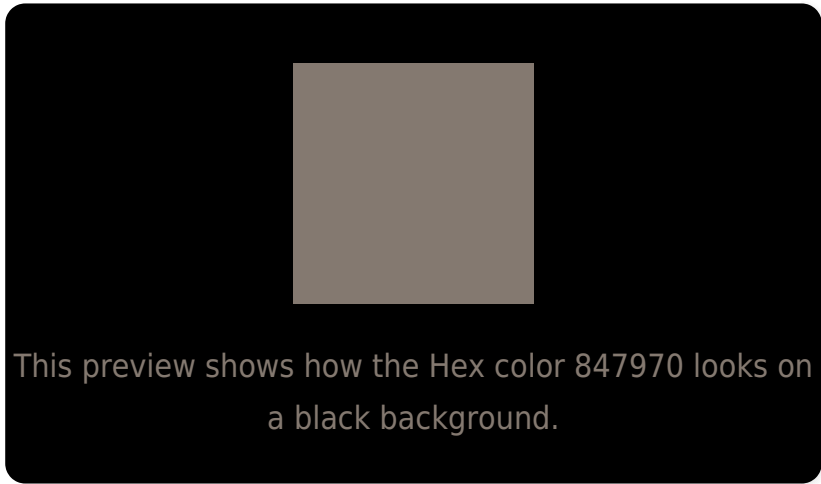
Large Text (above 18pt) WCAG AA ✓ Pass

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

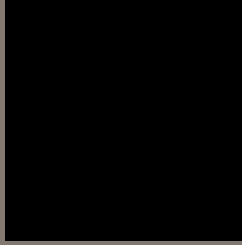
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 847970 Background



This preview shows how black text looks on a background with the Hex color 847970.



This preview shows how white text looks on a background with the Hex color 847970.

# 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**  
847970

**Protanopia**  
7F7A71

**Deuteranopia**  
8B7770



**Tritanopia**  
867780

# Trichromacy



**Original Color**  
847970

**Protanomaly**  
817A71

**Deuteranomaly**  
887870

**Tritanomaly**  
85787A

# Monochromacy



**Original Color**  
847970

**Achromatopsia**  
7B7B7B

**Achromatomaly**  
7E7A77

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 847970 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 #847970 looks like.

```
.text, #text, p{  
    color:#847970  
}
```

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 #847970 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #847970
}
```

## Border

The CSS property to change the border of an element to Hex 847970 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".

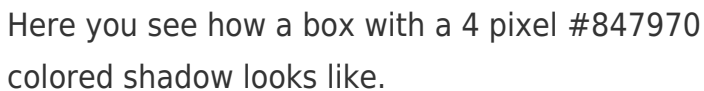
```
.border, #border, table{ border:4px solid
#847970 }
```

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

```
.border{ border-color:#847970 }
```

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

Here you see how a box with a 4 pixel #847970 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #847970; -webkit-box-shadow:4px 4px  
4px 4px #847970; box-shadow:4px 4px 4px  
4px #847970 }
```

# Background

The CSS property to change the background color of an element to Hex 847970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#847970 }
```

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

```
.background{ background-color:#847970 }
```

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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