

# Converting Colors

Hex(847884)

Have a look what the booklet for  
Hex(847884) contains.

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# Color

**Hex(847884)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	847884
RGB	132, 120, 132
RGB Percent	52%, 47%, 52%
CMY	0.4824, 0.5294, 0.4824
CMYK	0.00, 0.09, 0.00, 0.48
HSL	300°, 5%, 49%
HSV	300°, 9%, 52%
XYZ	20.3970, 20.0044, 24.6160
YIQ	124.9560, 3.3000, 6.2760

# Conversions

## Conversions Part 2

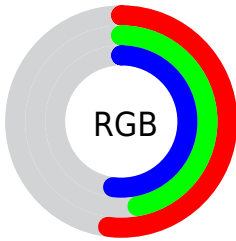
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	132, 120, 132
Decimal	8681604
CIE <sub>Lab</sub>	51.84, 6.93, -4.87
CIE <sub>LCh</sub>	52, 8.467, 324.899
Yxy	20.0044, 0.3137, 0.3077
Android (android.graphics.Color)	4286871684 (0xFF847884)
YUV	124.9560, 3.4727, 6.1776
Hunter-Lab	44.7263, 3.1324, -1.3230

# Details

The Hex color **847884** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **788478**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **B9ACB9**, and **534853** is the 20% darker color. If you saturate the color by 10%, you get **846B84**, and if you desaturate by 10%, it is **848584**.

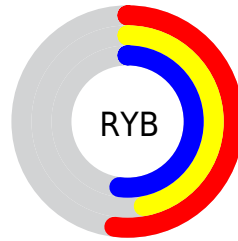
# Distribution



Red (52%)

Green (47%)

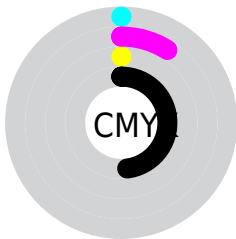
Blue (52%)



Red (52%)

Yellow (47%)

Blue (52%)

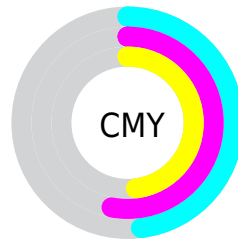


Cyan (0%)

Magenta (9%)

Yellow (0%)

Black (48%)



Cyan (48%)

Magenta (53%)

Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 847884 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 847884 by changing the saturation by 10% instead.



■ 847884

■ 847884

FFFFFF

■ 6B5F6B

■ B9ACB9

■ 534853

■ D5C8D5

■ 3B313C

■ F1E4F1

■ 261C26

■ 110211

■ 000000

■ 847884

■ 847884

■ 846B84

■ 848584

■ 845E84

■ 849284

845084

84A084

844384

84AD84

843684

84BA84

842984

84C784

841C84

84D484

840E84

84E284

840184

84EF84

# Harmonies

## Analogous

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



7C7A89



847884



8A777D

# Triad

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



847884



837B6D



698081

# Complementary

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



847884



788478

# 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.



6C807A



847884



7B7D6E

# Square

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



847884



897870



737F73



6C7F87

# Rectangle

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



847884



8B7778



737F73



6A807F



# Sweetspot

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



847884



ABA6AB



787884



575357



D6D6D6



575757



# Same Dimension

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



847884



AB98AB



84787E



423C42



820082



030003



# Inverse Universe

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



847884



AB98AB



78847E



423C42



820082



030003



# Previews

## White Background



This preview shows how the Hex color 847884 looks on a white background.

## Color Contrast Check

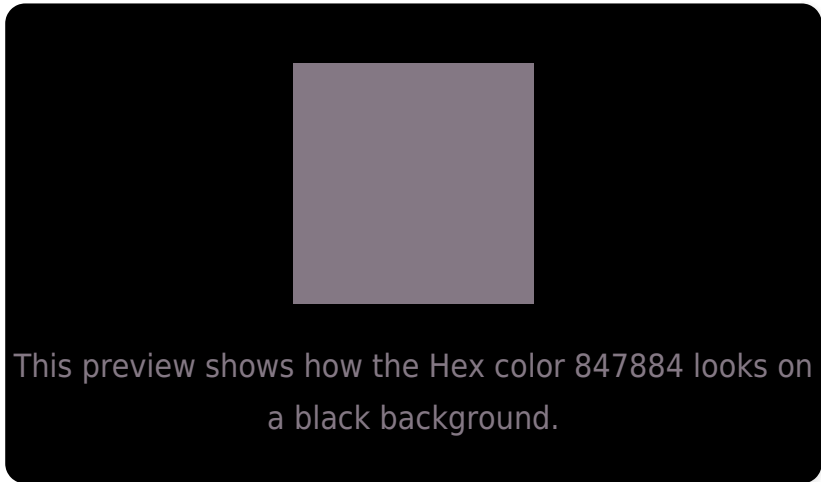
Large Text (above 18pt) WCAG AA ✓ Pass

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

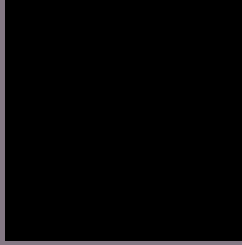
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 847884 Background



This preview shows how black text looks on a background with the Hex color 847884.



This preview shows how white text looks on a background with the Hex color 847884.

# 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**

847884

**Protanopia**

7B7B86

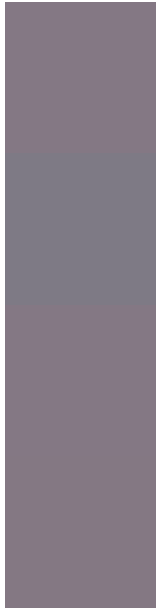
**Deuteranopia**

847884



**Tritanopia**  
847882

# Trichromacy



**Original Color**  
847884

**Protanomaly**  
7E7A85

**Deuteranomaly**  
847884

**Tritanomaly**  
847883

# Monochromacy



**Original Color**  
847884

**Achromatopsia**  
7D7D7D

**Achromatomaly**  
807B80

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 847884 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 #847884 looks like.

```
.text, #text, p{  
    color:#847884  
}
```

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 #847884 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #847884
}
```

## Border

The CSS property to change the border of an element to Hex 847884 is called "border". The border property can be set on classes, ids or directly on the HTML element.

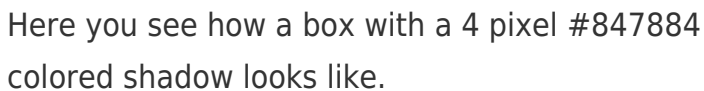
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#847884 }
```

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

```
.border{ border-color:#847884 }
```

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



Here you see how a box with a 4 pixel #847884 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #847884; -webkit-box-shadow:4px 4px  
4px 4px #847884; box-shadow:4px 4px 4px  
4px #847884 }
```

# Background

The CSS property to change the background color of an element to Hex 847884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#847884 }
```

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

```
.background{ background-color:#847884 }
```

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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