

# Converting Colors

Hex(843047)

Have a look what the booklet for  
Hex(843047) contains.

<b>Hex(843047)</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(843047)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	843047
RGB	132, 48, 71
RGB Percent	52%, 19%, 28%
CMY	0.4824, 0.8118, 0.7216
CMYK	0.00, 0.64, 0.46, 0.48
HSL	344°, 47%, 35%
HSV	344°, 64%, 52%
XYZ	11.7100, 7.4744, 6.7867
YIQ	75.7380, 42.6810, 24.9610

# Conversions

## Conversions Part 2

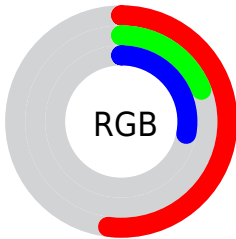
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	132, 48, 71
Decimal	8663111
CIE Lab	32.86, 38.18, 4.95
CIE LCh	33, 38.497, 7.386
Yxy	7.4744, 0.4509, 0.2878
Android (android.graphics.Color)	4286853191 (0xFF843047)
YUV	75.7380, -2.3358, 49.3418
Hunter-Lab	27.3393, 28.6116, 4.4193

# Details

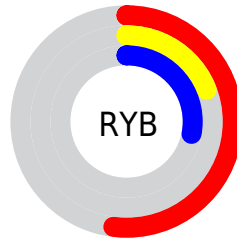
The Hex color **843047** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **30846D**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **BC6377**, and **4E001C** is the 20% darker color. If you saturate the color by 10%, you get **84233D**, and if you desaturate by 10%, it is **843D51**.

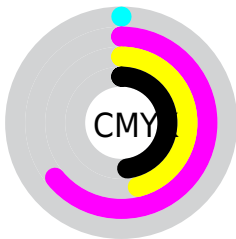
# Distribution



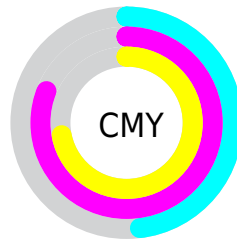
- Red (52%)
- Green (19%)
- Blue (28%)



- Red (52%)
- Yellow (19%)
- Blue (28%)



- Cyan (0%)
- Magenta (64%)
- Yellow (46%)
- Black (48%)



- Cyan (48%)
- Magenta (81%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 843047 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 843047 by changing the saturation by 10% instead.



 843047

 843047

FFFFFF

 691631

 BC6377

 4E001C

 D97D91

 360000

 F797AB

 120000

 FFB3C7

 000000

 FFCFE3

 FFE8FF

 843047

 843047

 84233D

 843D51

■ 841634

■ 844A5A

■ 84082A

■ 845864

■ 840024

■ 84656D

■ 847277

■ 847F81

■ 848C8A

■ 849A94

■ 84A79D

# Harmonies

## Analogous

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



783565



843047



80372A

# Triad

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



843047



365619



005785

# Complementary

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



843047



30846D

# 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.



005B71



843047



005A35

# Square

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



843047



564E08



005C54



154E8A

# Rectangle

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



843047



763F19



005C54



005980



# Sweetspot

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



843047



AB8A93



6C3084



574348



D6D6D6



575757



# Same Dimension

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



843047



AB294D



844230



423C3D



820024



030001



# Inverse Universe

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



843047



AB294D



307284



423C3D



820024

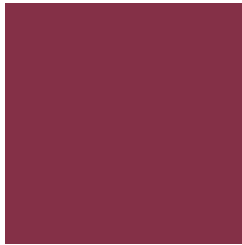


030001



# Previews

## White Background



This preview shows how the Hex color 843047 looks on a white background.

## Color Contrast Check

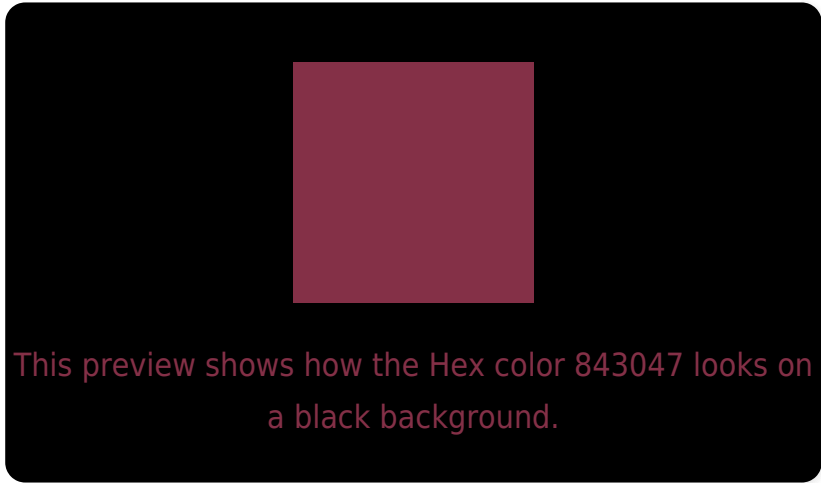
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

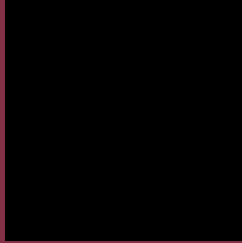
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 843047 Background



This preview shows how black text looks on a background with the Hex color 843047.



This preview shows how white text looks on a background with the Hex color 843047.

# 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**  
843047

**Protanopia**  
4D4E58

**Deuteranopia**  
5A4B43



**Tritanopia**  
833337

# Trichromacy



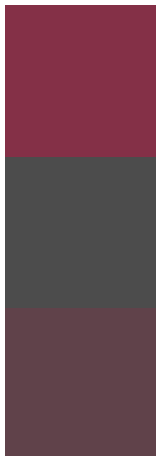
**Original Color**  
843047

**Protanomaly**  
614352

**Deuteranomaly**  
694144

**Tritanomaly**  
83323D

# Monochromacy



**Original Color**  
843047

**Achromatopsia**  
4C4C4C

**Achromatomaly**  
60424A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 843047 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 #843047 looks like.

```
.text, #text, p{  
    color:#843047  
}
```

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 #843047 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #843047
}
```

## Border

The CSS property to change the border of an element to Hex 843047 is called "border". The border property can be set on classes, ids or directly on the HTML element.

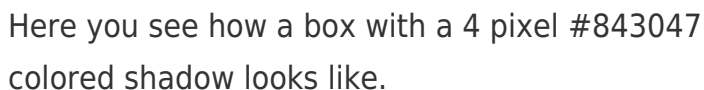
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#843047 }
```

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

```
.border{ border-color:#843047 }
```

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



Here you see how a box with a 4 pixel #843047 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #843047; -webkit-box-shadow:4px 4px  
4px 4px #843047; box-shadow:4px 4px 4px  
4px #843047 }
```

# Background

The CSS property to change the background color of an element to Hex 843047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#843047 }
```

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

```
.background{ background-color:#843047 }
```

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