

# Converting Colors

Hex(843D6D)

Have a look what the booklet for  
Hex(843D6D) contains.

<b>Hex(843D6D)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(843D6D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	843D6D
RGB	132, 61, 109
RGB Percent	52%, 24%, 43%
CMY	0.4824, 0.7608, 0.5725
CMYK	0.00, 0.54, 0.17, 0.48
HSL	319°, 37%, 38%
HSV	319°, 54%, 52%
XYZ	13.9448, 9.3471, 15.5372
YIQ	87.7010, 26.9080, 29.9800

# Conversions

## Conversions Part 2

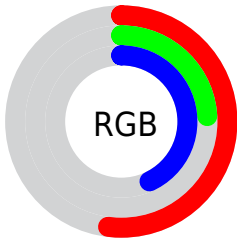
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	132, 61, 109
Decimal	8666477
CIE <sub>Lab</sub>	36.64, 36.80, -13.75
CIE <sub>LCh</sub>	37, 39.280, 339.515
Yxy	9.3471, 0.3591, 0.2407
Android (android.graphics.Color)	4286856557 (0xFF843D6D)
YUV	87.7010, 10.5004, 38.8502
Hunter-Lab	30.5731, 27.9132, -8.7299

# Details

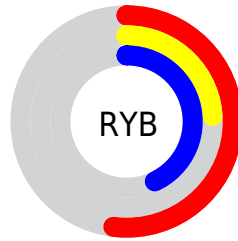
The Hex color **843D6D** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **3D8454**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **BB6FA1**, and **50083D** is the 20% darker color. If you saturate the color by 10%, you get **843069**, and if you desaturate by 10%, it is **844A71**.

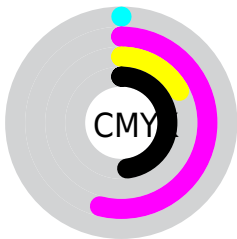
# Distribution



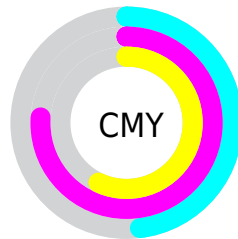
- Red (52%)
- Green (24%)
- Blue (43%)



- Red (52%)
- Yellow (24%)
- Blue (43%)



- Cyan (0%)
- Magenta (54%)
- Yellow (17%)
- Black (48%)



- Cyan (48%)
- Magenta (76%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 843D6D 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 843D6D by changing the saturation by 10% instead.



 843D6D

 843D6D

FFFFFF

 6A2455

 BB6FA1

 50083D

 D78ABC

 370027

 F4A5D7

 210012

 FFC0F4

 000000

 FFDCCF

 FFF9FF

 843D6D

 843D6D

 843069

 844A71

842364

845776

841560

84657A

84085C

84727E

840059

847F82

848C87

84998B

84A78F

84B493

# Harmonies

## Analogous

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



654A87



843D6D



90394D

# Triad

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



843D6D



5D5811



00647E

# Complementary

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



843D6D



3D8454

# 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.



006560



843D6D



3B6022

# Square

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



843D6D



784D19



00643F



005F91

# Rectangle

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



843D6D



8E3D39



00643F



006574



# Sweetspot

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



843D6D



AB90A2



533D84



574651



D6D6D6



575757



# Same Dimension

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



843D6D



AB3C87



843D4A



423C40



820058



030002



# Inverse Universe

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



843D6D



AB3C87



3D8477



423C40



820058

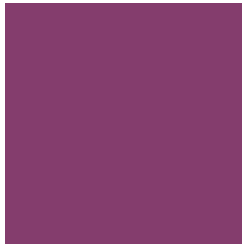


030002



# Previews

## White Background



This preview shows how the Hex color 843D6D looks on a white background.

## Color Contrast Check

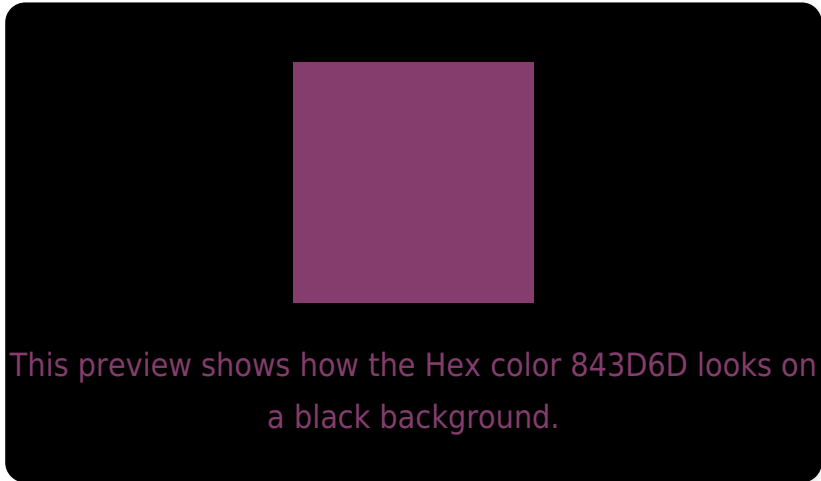
Large Text (above 18pt) WCAG AA ✓ Pass

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

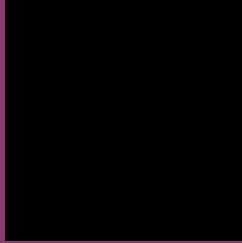
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 843D6D Background



This preview shows how black text looks on a background with the Hex color 843D6D.

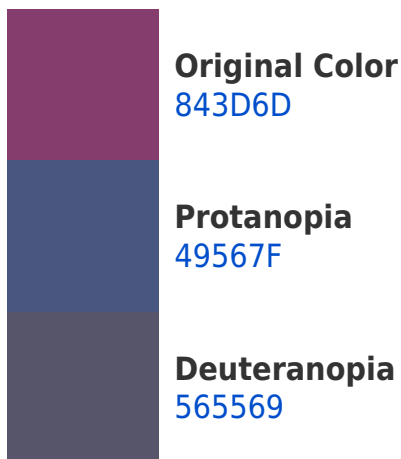



This preview shows how white text looks on a background with the Hex color 843D6D.

# 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





**Tritanopia**  
80454A

# Trichromacy



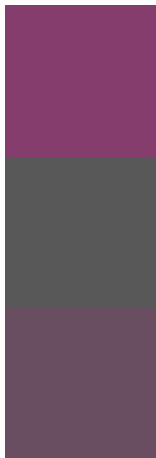
**Original Color**  
843D6D

**Protanomaly**  
5E4D78

**Deuteranomaly**  
674C6A

**Tritanomaly**  
814257

# Monochromacy



**Original Color**  
843D6D

**Achromatopsia**  
585858

**Achromatomaly**  
684E60

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 843D6D 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 #843D6D looks like.

```
.text, #text, p{  
    color:#843D6D  
}
```

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 #843D6D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #843D6D
}
```

## Border

The CSS property to change the border of an element to Hex 843D6D is called "border". The border property can be set on classes, ids or directly on the HTML element.

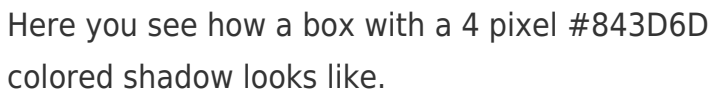
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#843D6D }
```

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

```
.border{ border-color:#843D6D }
```

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



Here you see how a box with a 4 pixel #843D6D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #843D6D; -webkit-box-shadow:4px 4px  
4px 4px #843D6D; box-shadow:4px 4px 4px  
4px #843D6D }
```

# Background

The CSS property to change the background color of an element to Hex 843D6D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#843D6D }
```

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

```
.background{ background-color:#843D6D }
```

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