

# Converting Colors

Hex(841736)

Have a look what the booklet for  
Hex(841736) contains.

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**Color**

**Hex(841736)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	841736
RGB	132, 23, 54
RGB Percent	52%, 9%, 21%
CMY	0.4824, 0.9098, 0.7882
CMYK	0.00, 0.83, 0.59, 0.48
HSL	343°, 70%, 30%
HSV	343°, 83%, 52%
XYZ	10.4880, 5.7847, 4.0538
YIQ	59.1250, 55.0130, 32.7490

# Conversions

## Conversions Part 2

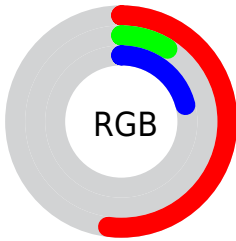
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	132, 23, 54
Decimal	8656694
CIE Lab	28.86, 46.45, 10.57
CIE LCh	29, 47.635, 12.816
Yxy	5.7847, 0.5160, 0.2846
Android (android.graphics.Color)	4286846774 (0xFF841736)
YUV	59.1250, -2.5266, 63.9114
Hunter-Lab	24.0513, 35.7479, 6.8427

# Details

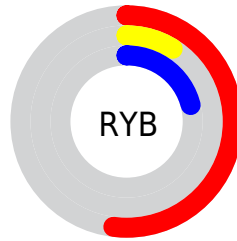
The Hex color **841736** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **178465**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **BE4F64**, and **4C000A** is the 20% darker color. If you saturate the color by 10%, you get **840A2D**, and if you desaturate by 10%, it is **84243F**.

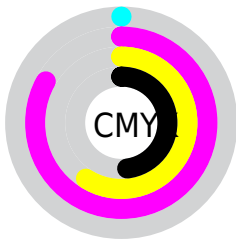
# Distribution



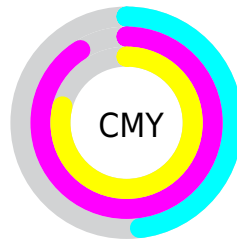
- Red (52%)
- Green (9%)
- Blue (21%)



- Red (52%)
- Yellow (9%)
- Blue (21%)



- Cyan (0%)
- Magenta (83%)
- Yellow (59%)
- Black (48%)



- Cyan (48%)
- Magenta (91%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 841736 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 841736 by changing the saturation by 10% instead.



 841736

 841736

FFFFFF

 680021

 BE4F64

 4C000A

 DC6A7D

 330002

 FA8497

 000000

 FFA0B2

 FFBCCD

 FFD8E9

 FFF5FF

 841736

 841736

■ 840A2D

■ 84243F

■ 840026

■ 843149

■ 843F52

■ 844C5C

■ 845965

■ 84666F

■ 847378

■ 848182

■ 848E8B

# Harmonies

## Analogous

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



7A1D5B



841736



7B2813

# Triad

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



841736



174F03



004E8B

# Complementary

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



841736



178465

# 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.



005376



841736



00532D

# Square

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



841736



464700



005453



00438D

# Rectangle

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



841736



6D3500



005453



005086



# Sweetspot

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



841736



AB808C



631784



573D44



D6D6D6



575757



# Same Dimension

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



841736



AB0232



842D17



423C3E



820025



030001



# Inverse Universe

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



841736



AB0232



176E84



423C3E



820025

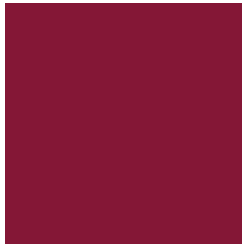


030001



# Previews

## White Background



This preview shows how the Hex color 841736 looks on a white background.

## Color Contrast Check

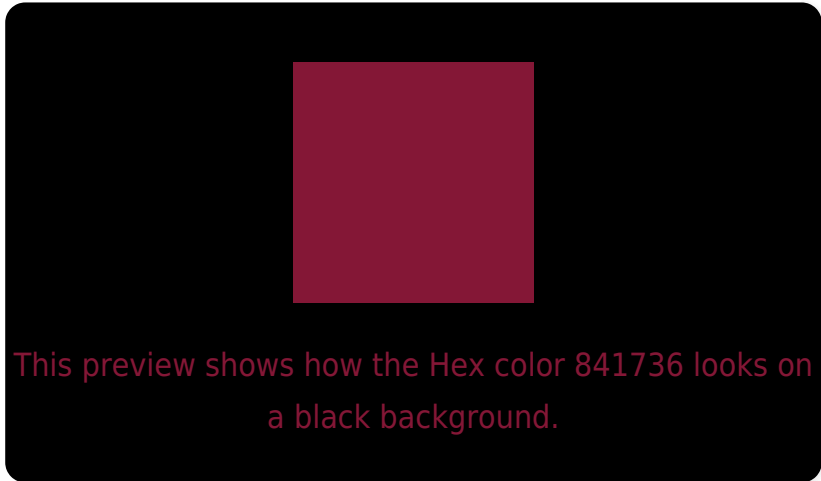
Large Text (above 18pt) WCAG AA ✓ Pass

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 841736 Background



This preview shows how black text looks on a background with the Hex color 841736.

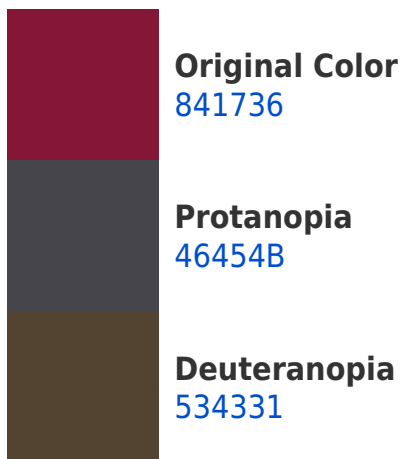


This preview shows how white text looks on a background with the Hex color 841736.

# 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**  
831D1E

# Trichromacy



**Original Color**  
841736

**Protanomaly**  
5D3443

**Deuteranomaly**  
653333

**Tritanomaly**  
831B27

# Monochromacy



**Original Color**  
841736

**Achromatopsia**  
3B3B3B

**Achromatomaly**  
562E39

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 841736 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 #841736 looks like.

```
.text, #text, p{  
    color:#841736  
}
```

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 #841736 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #841736
}
```

## Border

The CSS property to change the border of an element to Hex 841736 is called "border". The border property can be set on classes, ids or directly on the HTML element.

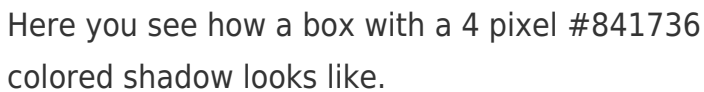
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#841736 }
```

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

```
.border{ border-color:#841736 }
```

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



Here you see how a box with a 4 pixel #841736 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #841736; -webkit-box-shadow:4px 4px  
4px 4px #841736; box-shadow:4px 4px 4px  
4px #841736 }
```

# Background

The CSS property to change the background color of an element to Hex 841736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#841736 }
```

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

```
.background{ background-color:#841736 }
```

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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