

# Converting Colors

Hex(842239)

Have a look what the booklet for  
Hex(842239) contains.

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# Color

**Hex(842239)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	842239
RGB	132, 34, 57
RGB Percent	52%, 13%, 22%
CMY	0.4824, 0.8667, 0.7765
CMYK	0.00, 0.74, 0.57, 0.48
HSL	346°, 59%, 33%
HSV	346°, 74%, 52%
XYZ	10.8263, 6.3450, 4.5250
YIQ	65.9240, 51.0250, 27.9290

# Conversions

## Conversions Part 2

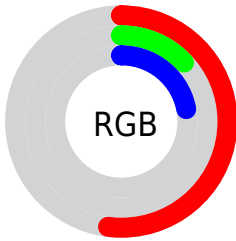
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	132, 34, 57
Decimal	8659513
CIE Lab	30.27, 42.95, 10.49
CIE LCh	30, 44.211, 13.731
Yxy	6.3450, 0.4990, 0.2924
Android (android.graphics.Color)	4286849593 (0xFF842239)
YUV	65.9240, -4.3995, 57.9487
Hunter-Lab	25.1893, 32.6375, 6.9817

# Details

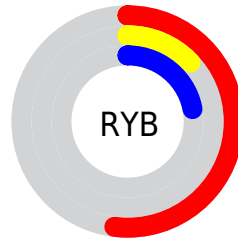
The Hex color **842239** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **22846D**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **BD5768**, and **4D000E** is the 20% darker color. If you saturate the color by 10%, you get **84152F**, and if you desaturate by 10%, it is **842F43**.

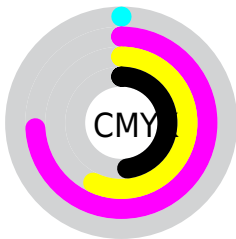
# Distribution



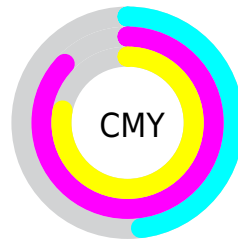
- Red (52%)
- Green (13%)
- Blue (22%)



- Red (52%)
- Yellow (13%)
- Blue (22%)



- Cyan (0%)
- Magenta (74%)
- Yellow (57%)
- Black (48%)



- Cyan (48%)
- Magenta (87%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 842239 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 842239 by changing the saturation by 10% instead.



 842239

 842239

FFFFFF

 680024

 BD5768

 4D000E

 DB7181

 350002

 F98C9B

 030000

 FFA7B5

 000000

 FFC3D1

 FFDDED

 FFFDFF

 842239

 842239

 84152F

 842F43

 840825

 843C4D

 84001F

 844A57

 845761

 84646C

 847176

 847E80

 848C8A

 849994

# Harmonies

## Analogous

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



7B265B



842239



7B2F19

# Triad

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



842239



1F520F



00508A

# Complementary

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



842239



22846D

# 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.



005676



842239



005633

# Square

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



842239



484B00



005757



10468B

# Rectangle

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



842239



6E3A03



005757



005385



# Sweetspot

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



842239



AB858E



6C2284



574045



D6D6D6



575757



# Same Dimension

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



842239



AB1336



843B22



423C3D



82001F



030001



# Inverse Universe

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



842239



AB1336



226C84



423C3D



82001F

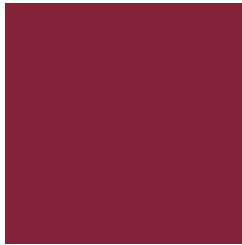


030001



# Previews

## White Background



This preview shows how the Hex color 842239 looks on a white background.

## Color Contrast Check

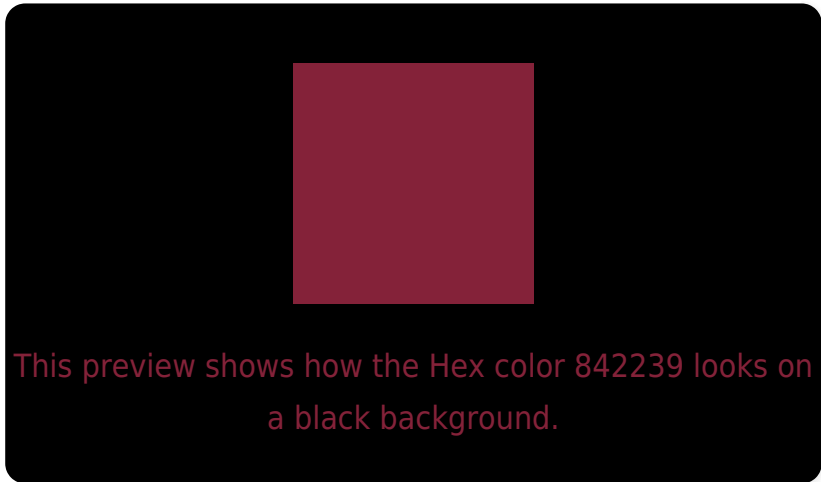
Large Text (above 18pt) WCAG AA ✓ Pass

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 842239 Background



This preview shows how black text looks on a background with the Hex color 842239.



This preview shows how white text looks on a background with the Hex color 842239.

# 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**

842239

**Protanopia**

49484B

**Deuteranopia**

564634



# Trichromacy



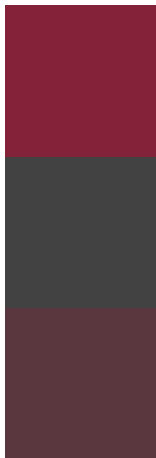
**Original Color**  
842239

**Protanomaly**  
5E3A44

**Deuteranomaly**  
673936

**Tritanomaly**  
83252E

# Monochromacy



**Original Color**  
842239

**Achromatopsia**  
424242

**Achromatomaly**  
5A363F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 842239 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 #842239 looks like.

```
.text, #text, p{  
    color:#842239  
}
```

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 #842239 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #842239
}
```

## Border

The CSS property to change the border of an element to Hex 842239 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".

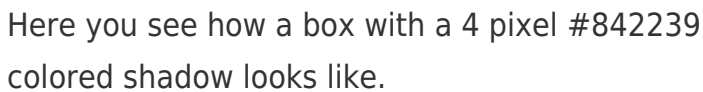
```
.border, #border, table{ border:4px solid
#842239 }
```

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

```
.border{ border-color:#842239 }
```

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

Here you see how a box with a 4 pixel #842239 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #842239; -webkit-box-shadow:4px 4px  
4px 4px #842239; box-shadow:4px 4px 4px  
4px #842239 }
```

# Background

The CSS property to change the background color of an element to Hex 842239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#842239 }
```

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

```
.background{ background-color:#842239 }
```

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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