

# Converting Colors

Hex(842D40)

Have a look what the booklet for  
Hex(842D40) contains.

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# Color

**Hex(842D40)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | 842D40                    |
| RGB           | 132, 45, 64               |
| RGB Percent   | 52%, 18%, 25%             |
| CMY           | 0.4824, 0.8235, 0.7490    |
| CMYK          | 0.00, 0.66, 0.52, 0.48    |
| HSL           | 347°, 49%, 35%            |
| HSV           | 347°, 66%, 52%            |
| XYZ           | 11.3795, 7.1525, 5.6313   |
| YIQ           | 73.1790, 45.7530, 24.3530 |

# Conversions

## Conversions Part 2

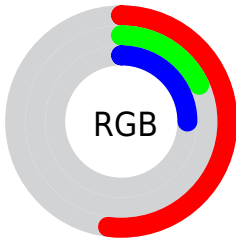
| <b>Format</b>                       | <b>Color</b>                 |
|-------------------------------------|------------------------------|
| <b>R<sub>YB</sub></b>               | 132, 45, 64                  |
| Decimal                             | 8662336                      |
| CIE Lab                             | 32.15, 38.88, 8.50           |
| CIE LCh                             | 32, 39.802, 12.337           |
| Yxy                                 | 7.1525, 0.4709,<br>0.2960    |
| Android<br>(android.graphics.Color) | 4286852416<br>(0xFF842D40)   |
| YUV                                 | 73.1790, -4.5252,<br>51.5860 |
| Hunter-Lab                          | 26.7441, 29.1489,<br>6.2367  |

# Details

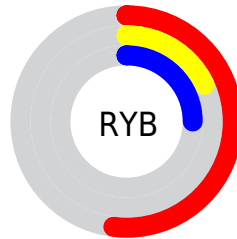
The Hex color **842D40** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **2D8471**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **BD6070**, and **4D0016** is the 20% darker color. If you saturate the color by 10%, you get **842036**, and if you desaturate by 10%, it is **843A4A**.

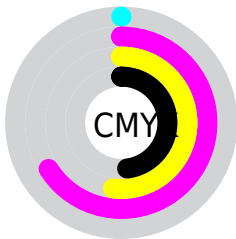
# Distribution



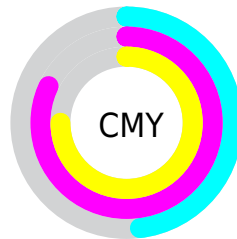
- Red (52%)
- Green (18%)
- Blue (25%)



- Red (52%)
- Yellow (18%)
- Blue (25%)



- Cyan (0%)
- Magenta (66%)
- Yellow (52%)
- Black (48%)



- Cyan (48%)
- Magenta (82%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 842D40 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 842D40 by changing the saturation by 10% instead.



 842D40

 842D40

FFFFFF

 68122A

 BD6070

 4D0016

 DA7A89

 350001

 F895A3

 0D0000

 FFB0BE

 000000

 FFCCDA

 FFE8F6

 842D40

 842D40

 842036

 843A4A

 84132B

 844755

 840521

 84555F

 84001D

 846269

 846F74

 847C7E

 848988

 849793

 84A49D

# Harmonies

## Analogous

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



7A305F



842D40



7D3623

# Triad

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



842D40



2C551A



005487

# Complementary

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



842D40



2D8471

# 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.



005975



842D40



005937

# Square

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



842D40



4F4E04



005A58



224B89

# Rectangle

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



842D40



723F12



005A58



005683



# Sweetspot

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



842D40



AB8990



702D84



574246



D6D6D6



575757



# Same Dimension

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



842D40



AB2441



84442D



423C3D



82001C



030001



# Inverse Universe

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



842D40



AB2441



2D6D84



423C3D



82001C

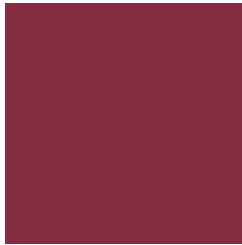


030001



# Previews

## White Background



This preview shows how the Hex color 842D40 looks on a white background.

## Color Contrast Check

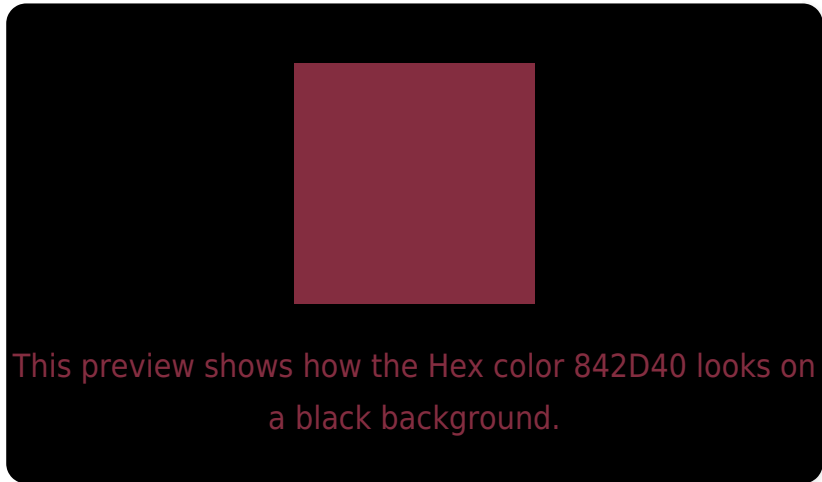
Large Text (above 18pt) WCAG AA ✓ Pass

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 842D40 Background



This preview shows how black text looks on a background with the Hex color 842D40.



This preview shows how white text looks on a background with the Hex color 842D40.

# 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**  
842D40

**Protanopia**  
4D4C50

**Deuteranopia**  
5A4A3C



**Tritanopia**  
833032

# Trichromacy



**Original Color**  
842D40

**Protanomaly**  
61414A

**Deuteranomaly**  
693F3D

**Tritanomaly**  
832F37

# Monochromacy



**Original Color**  
842D40

**Achromatopsia**  
494949

**Achromatomaly**  
5E3F46

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 842D40 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 #842D40 looks like.

```
.text, #text, p{  
    color:#842D40  
}
```

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 #842D40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #842D40
}
```

## Border

The CSS property to change the border of an element to Hex 842D40 is called "border". The border property can be set on classes, ids or directly on the HTML element.

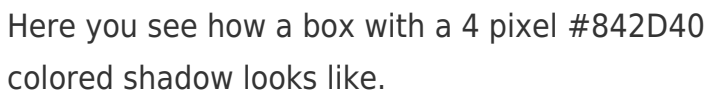
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#842D40 }
```

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

```
.border{ border-color:#842D40 }
```

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



Here you see how a box with a 4 pixel #842D40 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #842D40; -webkit-box-shadow:4px 4px  
4px 4px #842D40; box-shadow:4px 4px 4px  
4px #842D40 }
```

# Background

The CSS property to change the background color of an element to Hex 842D40 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#842D40 }
```

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

```
.background{ background-color:#842D40 }
```

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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