

Converting Colors

Hex(842D47)

Have a look what the booklet for
Hex(842D47) contains.

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Color

Hex(842D47)

Conversions

Conversions Part 1

Format	Color
Hex	842D47
RGB	132, 45, 71
RGB Percent	52%, 18%, 28%
CMY	0.4824, 0.8235, 0.7216
CMYK	0.00, 0.66, 0.46, 0.48
HSL	342°, 49%, 35%
HSV	342°, 66%, 52%
XYZ	11.5914, 7.2372, 6.7472
YIQ	73.9770, 43.5060, 26.5300

Conversions

Conversions Part 2

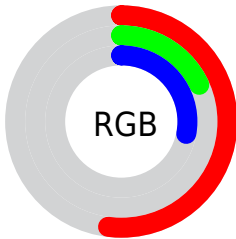
Format	Color
R_{YB}	132, 45, 71
Decimal	8662343
CIE Lab	32.34, 39.59, 4.20
CIE LCh	32, 39.809, 6.060
Yxy	7.2372, 0.4532, 0.2830
Android (android.graphics.Color)	4286852423 (0xFF842D47)
YUV	73.9770, -1.4677, 50.8862
Hunter-Lab	26.9021, 29.8324, 3.9612

Details

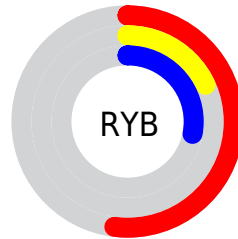
The Hex color **842D47** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **2D846A**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **BC6077**, and **4E001C** is the 20% darker color. If you saturate the color by 10%, you get **84203E**, and if you desaturate by 10%, it is **843A50**.

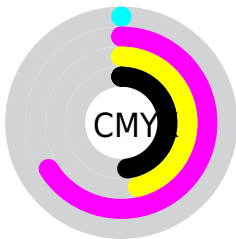
Distribution



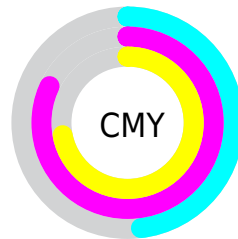
- Red (52%)
- Green (18%)
- Blue (28%)



- Red (52%)
- Yellow (18%)
- Blue (28%)



- Cyan (0%)
- Magenta (66%)
- Yellow (46%)
- Black (48%)



- Cyan (48%)
- Magenta (82%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 842D47 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 842D47 by changing the saturation by 10% instead.

 842D47

 842D47

FFFFFF

 691131

 BC6077

 4E001C

 DA7A91

 360001

 F795AB

 100000

 FFB0C7

 000000

 FFCCE3

 FFE9FF

 842D47

 842D47

 84203E

 843A50

■ 841334

■ 84475A

■ 84052B

■ 845563

■ 840027

■ 84626C

■ 846F75

■ 847C7F

■ 848988

■ 849791

■ 84A49A

Harmonies

Analogous

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



773366



842D47



803429

Triad

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



842D47



355514



005685

Complementary

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



842D47



2D846A

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.



005A70



842D47



005931

Square

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



842D47



564D03



005B52



004E8B

Rectangle

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



842D47



763D17



005B52



005880

Sweetspot

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



842D47



AB8993



6A2D84



574248



D6D6D6



575757

Same Dimension

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



842D47



AB244C



843E2D



423C3E



820027



030001

Inverse Universe

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



842D47



AB244C



2D7384



423C3E



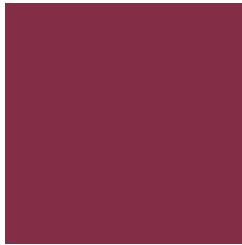
820027



030001

Previews

White Background



This preview shows how the Hex color 842D47 looks on a white background.

Color Contrast Check

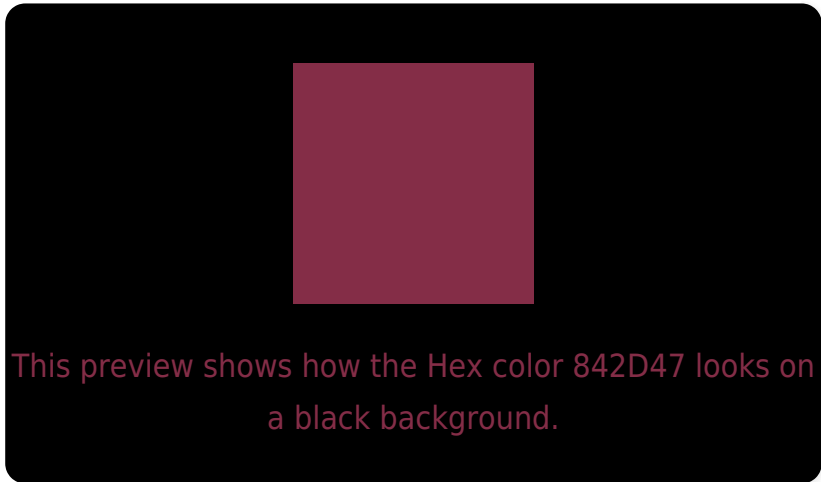
Large Text (above 18pt) WCAG AA ✓ Pass

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 842D47 Background



This preview shows how black text looks on a background with the Hex color 842D47.



This preview shows how white text looks on a background with the Hex color 842D47.

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
842D47

Protanopia
4B4C59

Deuteranopia
584A43



Tritanopia
833134

Trichromacy



Original Color
842D47

Protanomaly
604152

Deuteranomaly
683F44

Tritanomaly
83303B

Monochromacy



Original Color
842D47

Achromatopsia
4A4A4A

Achromatomaly
5F3F49

CSS Examples

Text

The CSS property to change the color of the text to Hex 842D47 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 #842D47 looks like.

```
.text, #text, p{  
    color:#842D47  
}
```

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 #842D47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #842D47
}
```

Border

The CSS property to change the border of an element to Hex 842D47 is called "border". The border property can be set on classes, ids or directly on the HTML element.

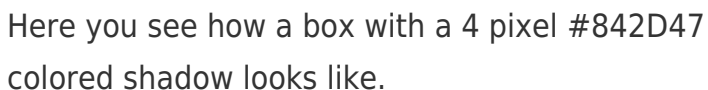
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#842D47 }
```

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

```
.border{ border-color:#842D47 }
```

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



Here you see how a box with a 4 pixel #842D47 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #842D47; -webkit-box-shadow:4px 4px  
4px 4px #842D47; box-shadow:4px 4px 4px  
4px #842D47 }
```

Background

The CSS property to change the background color of an element to Hex 842D47 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#842D47 }
```

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

```
.background{ background-color:#842D47 }
```

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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