

# Converting Colors

Hex(842C54)

Have a look what the booklet for  
Hex(842C54) contains.

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# Color

**Hex(842C54)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	842C54
RGB	132, 44, 84
RGB Percent	52%, 17%, 33%
CMY	0.4824, 0.8275, 0.6706
CMYK	0.00, 0.67, 0.36, 0.48
HSL	333°, 50%, 35%
HSV	333°, 67%, 52%
XYZ	12.0166, 7.3470, 9.1723
YIQ	74.8720, 39.6080, 31.0960

# Conversions

## Conversions Part 2

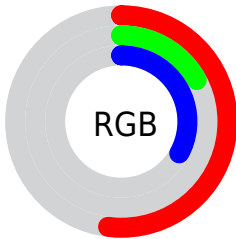
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	132, 44, 84
Decimal	8662100
CIE <sub>Lab</sub>	32.58, 41.53, -3.91
CIE <sub>LCh</sub>	33, 41.718, 354.625
Yxy	7.3470, 0.4211, 0.2575
Android (android.graphics.Color)	4286852180 (0xFF842C54)
YUV	74.8720, 4.5001, 50.1013
Hunter-Lab	27.1053, 31.7003, -1.0896

# Details

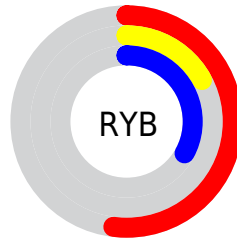
The Hex color **842C54** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **2C845C**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **BC5F85**, and **4E0027** is the 20% darker color. If you saturate the color by 10%, you get **841F4D**, and if you desaturate by 10%, it is **84395B**.

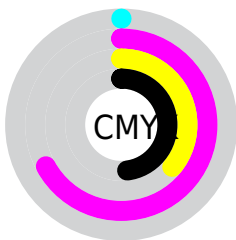
# Distribution



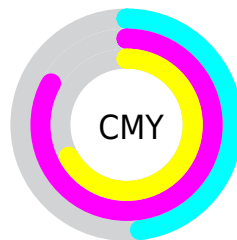
- Red (52%)
- Green (17%)
- Blue (33%)



- Red (52%)
- Yellow (17%)
- Blue (33%)



- Cyan (0%)
- Magenta (67%)
- Yellow (36%)
- Black (48%)



- Cyan (48%)
- Magenta (83%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 842C54 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 842C54 by changing the saturation by 10% instead.



 842C54

 842C54

FFFFFF

 690F3D

 BC5F85

 4E0027

 D97AA0

 360013

 F694BB

 150000

 FFB0D6

 000000

 FFCCF3

 FFE9FF

 842C54

 842C54

 841F4D

 84395B

841246

844662

84043E

84546A

84003C

846171

846E78

847B7F

848886

84968E

84A395

# Harmonies

## Analogous

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



6E3773



842C54



862F33

# Triad

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



842C54



425306



005982

# Complementary

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



842C54



2C845C

# 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.



005C67



842C54



115924

# Square

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



842C54



624900



005C45



00528E

# Rectangle

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



842C54



7F371F



005C45



005A7A



# Sweetspot

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



842C54



AB8998



5B2C84



57424B



D6D6D6



575757



# Same Dimension

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



842C54



AB2260



842F2C



423C3F



82003B



030001



# Inverse Universe

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



842C54



AB2260



2C8184



423C3F



82003B

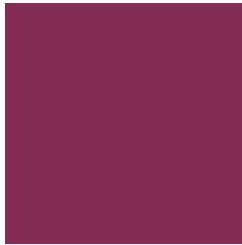


030001



# Previews

## White Background



This preview shows how the Hex color 842C54 looks on a white background.

## Color Contrast Check

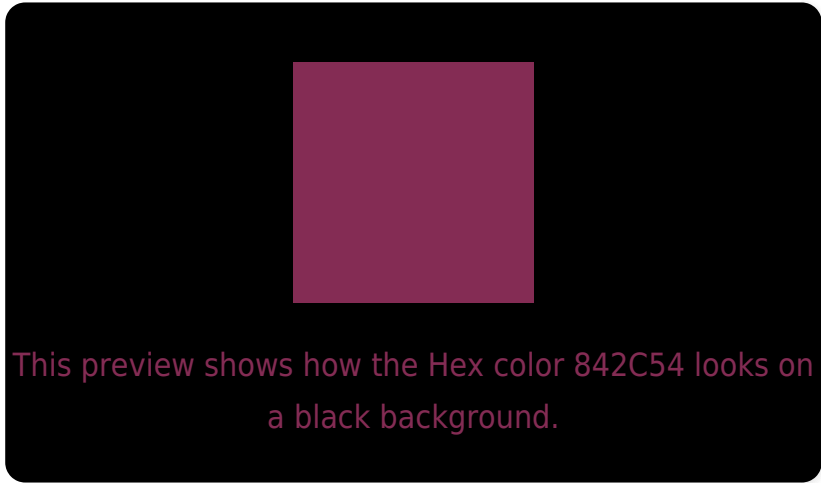
Large Text (above 18pt) WCAG AA ✓ Pass

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

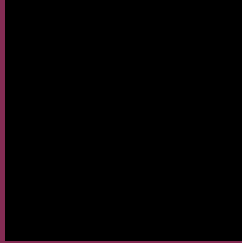
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 842C54 Background



This preview shows how black text looks on a background with the Hex color 842C54.



This preview shows how white text looks on a background with the Hex color 842C54.

# 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**  
842C54

**Protanopia**  
454D69

**Deuteranopia**  
544B50



**Tritanopia**  
823336

# Trichromacy



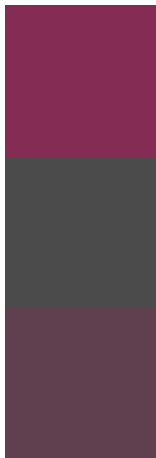
**Original Color**  
842C54

**Protanomaly**  
5C4161

**Deuteranomaly**  
654051

**Tritanomaly**  
833041

# Monochromacy



**Original Color**  
842C54

**Achromatopsia**  
4B4B4B

**Achromatomaly**  
60404E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 842C54 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 #842C54 looks like.

```
.text, #text, p{  
    color:#842C54  
}
```

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 #842C54 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #842C54
}
```

## Border

The CSS property to change the border of an element to Hex 842C54 is called "border". The border property can be set on classes, ids or directly on the HTML element.

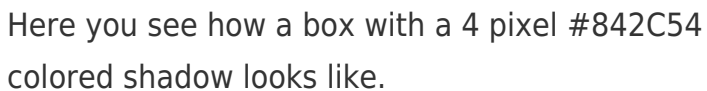
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#842C54 }
```

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

```
.border{ border-color:#842C54 }
```

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



Here you see how a box with a 4 pixel #842C54 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #842C54; -webkit-box-shadow:4px 4px  
4px 4px #842C54; box-shadow:4px 4px 4px  
4px #842C54 }
```

# Background

The CSS property to change the background color of an element to Hex 842C54 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#842C54 }
```

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

```
.background{ background-color:#842C54 }
```

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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