

Converting Colors

Hex(842B7B)

Have a look what the booklet for
Hex(842B7B) contains.

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Color

Hex(842B7B)

Conversions

Conversions Part 1

Format	Color
Hex	842B7B
RGB	132, 43, 123
RGB Percent	52%, 17%, 48%
CMY	0.4824, 0.8314, 0.5176
CMYK	0.00, 0.67, 0.07, 0.48
HSL	306°, 51%, 34%
HSV	306°, 67%, 52%
XYZ	13.9547, 8.0633, 19.5598
YIQ	78.7310, 27.3640, 43.7480

Conversions

Conversions Part 2

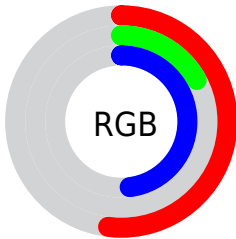
Format	Color
R_{YB}	132, 43, 123
Decimal	8661883
CIE _{Lab}	34.11, 47.76, -26.44
CIE _{LCh}	34, 54.595, 331.028
Yxy	8.0633, 0.3356, 0.1939
Android (android.graphics.Color)	4286851963 (0xFF842B7B)
YUV	78.7310, 21.8246, 46.7169
Hunter-Lab	28.3960, 38.0277, -20.9630

Details

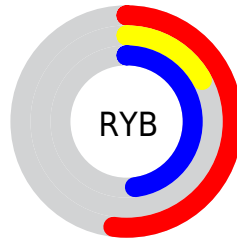
The Hex color **842B7B** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **2B8434**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **BB60B0**, and **4F004A** is the 20% darker color. If you saturate the color by 10%, you get **841E7A**, and if you desaturate by 10%, it is **84387C**.

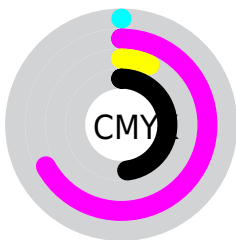
Distribution



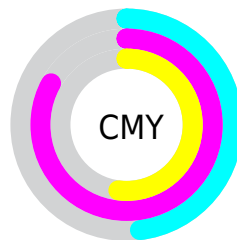
- Red (52%)
- Green (17%)
- Blue (48%)



- Red (52%)
- Yellow (17%)
- Blue (48%)



- Cyan (0%)
- Magenta (67%)
- Yellow (7%)
- Black (48%)



- Cyan (48%)
- Magenta (83%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 842B7B 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 842B7B by changing the saturation by 10% instead.

842B7B

842B7B

FFFFFF

690B62

BB60B0

4F004A

D87ACB

360033

F595E8

1D001D

FFB1FF

000000

FFCDDF

FFEAFD

842B7B

842B7B

841E7A

84387C

■ 841178

■ 84457E

■ 840377

■ 84537F

■ 840077

■ 846080

■ 846D82

■ 847A83

■ 848784

■ 849586

■ 84A287

Harmonies

Analogous

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



4D449B



842B7B



9A1751

Triad

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



842B7B



614F00



00637C

Complementary

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



842B7B



2B8434

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.



006351



842B7B



355A00

Square

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



842B7B



823D00



006023



005F9C

Rectangle

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



842B7B



9A1E34



006023



00636E

Sweetspot

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



842B7B



AB89A7



342B84



574255



D6D6D6



575757

Same Dimension

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



842B7B



AB209D



842B4F



423C42



820075



030002

Inverse Universe

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



842B7B



AB209D



2B8460



423C42



820075



030002

Previews

White Background



This preview shows how the Hex color 842B7B looks on a white background.

Color Contrast Check

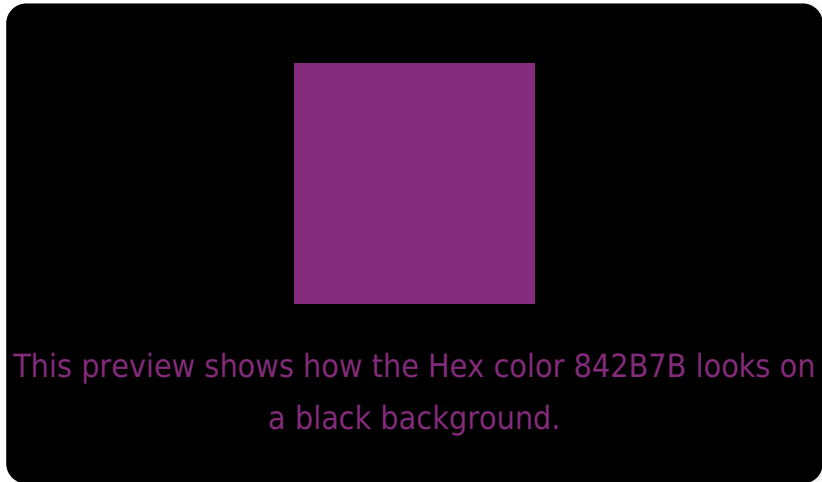
Large Text (above 18pt) WCAG AA ✓ Pass

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

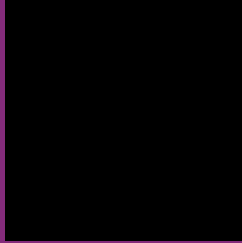
Any Text WCAG AA × Fail

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 842B7B Background



This preview shows how black text looks on a background with the Hex color 842B7B.

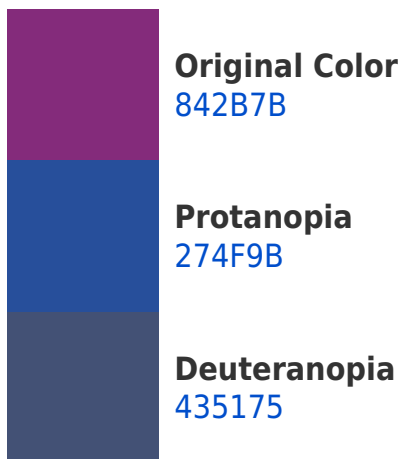


This preview shows how white text looks on a background with the Hex color 842B7B.

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
7E3D41

Trichromacy



Original Color
842B7B



Protanomaly
49428F



Deuteranomaly
5B4377



Tritanomaly
803656

Monochromacy



Original Color
842B7B



Achromatopsia
4F4F4F



Achromatomaly
62425F

CSS Examples

Text

The CSS property to change the color of the text to Hex 842B7B 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 #842B7B looks like.

```
.text, #text, p{  
    color:#842B7B  
}
```

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 #842B7B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #842B7B
}
```

Border

The CSS property to change the border of an element to Hex 842B7B is called "border". The border property can be set on classes, ids or directly on the HTML element.

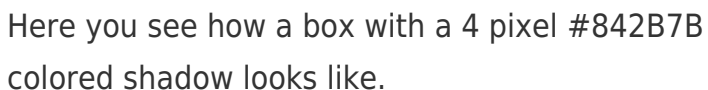
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#842B7B }
```

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

```
.border{ border-color:#842B7B }
```

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



Here you see how a box with a 4 pixel #842B7B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #842B7B; -webkit-box-shadow:4px 4px  
4px 4px #842B7B; box-shadow:4px 4px 4px  
4px #842B7B }
```

Background

The CSS property to change the background color of an element to Hex 842B7B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#842B7B }
```

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

```
.background{ background-color:#842B7B }
```

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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