

Converting Colors

Hex(842F8B)

Have a look what the booklet for
Hex(842F8B) contains.

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Color

Hex(842F8B)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 842F8B |
| RGB | 132, 47, 139 |
| RGB Percent | 52%, 18%, 55% |
| CMY | 0.4824, 0.8157, 0.4549 |
| CMYK | 0.05, 0.66, 0.00, 0.45 |
| HSL | 295°, 49%, 36% |
| HSV | 295°, 66%, 55% |
| XYZ | 15.1924, 8.8026, 25.3244 |
| YIQ | 82.9030, 21.1280, 46.6320 |

Conversions

Conversions Part 2

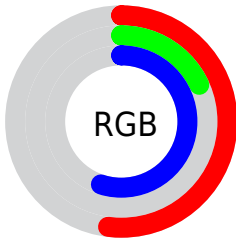
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 132, 47, 139 |
| Decimal | 8662923 |
| CIE _{Lab} | 35.60, 48.93, -34.03 |
| CIE _{LCh} | 36, 59.600, 325.185 |
| Yxy | 8.8026, 0.3080, 0.1785 |
| Android (android.graphics.Color) | 4286853003 (0xFF842F8B) |
| YUV | 82.9030, 27.6558, 43.0581 |
| Hunter-Lab | 29.6693, 39.4815, -29.8390 |

Details

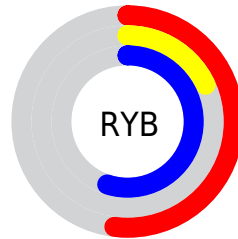
The Hex color **842F8B** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **368B2F**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **BB64C1**, and **4F0058** is the 20% darker color. If you saturate the color by 10%, you get **83218B**, and if you desaturate by 10%, it is **853D8B**.

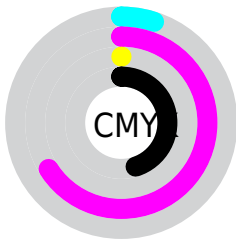
Distribution



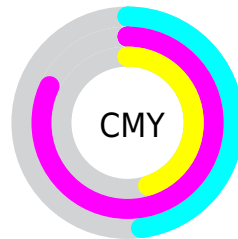
- Red (52%)
- Green (18%)
- Blue (55%)



- Red (52%)
- Yellow (18%)
- Blue (55%)



- Cyan (5%)
- Magenta (66%)
- Yellow (0%)
- Black (45%)



- Cyan (48%)
- Magenta (82%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 842F8B 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 842F8B by changing the saturation by 10% instead.

 842F8B

 842F8B

FFFFFF

 691171

 BB64C1

 4F0058

 D87EDD

 360040

 F599FA

 1E002A

 FFB5FF

 000114

 FFD1FF

 000000

 FFEEFF

 842F8B

 842F8B

 83218B

 853D8B

82138B

864B8B

81058B

87598B

80008B

88678B

89758B

8A828B

8B908B

8C9E8B

8EAC8B

Harmonies

Analogous

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



394BAB



842F8B



A20F5E

Triad

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



842F8B



6D4F00



00687B

Complementary

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



842F8B



368B2F

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.



00674A



842F8B



405D00

Square

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



842F8B



8F3900



006416



0065A2

Rectangle

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



842F8B



A5113E



006416



00686B

Sweetspot

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



842F8B



B291B5



2F378B



5A465C



DBDBDB



5C5C5C

Same Dimension

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



842F8B



AA26B5



8B2F65



443E45



7B0085



050005

Inverse Universe

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



8B2F36



B52631



2F8B55



453E3E



85000A



050000

Previews

White Background



This preview shows how the Hex color 842F8B looks on a white background.

Color Contrast Check

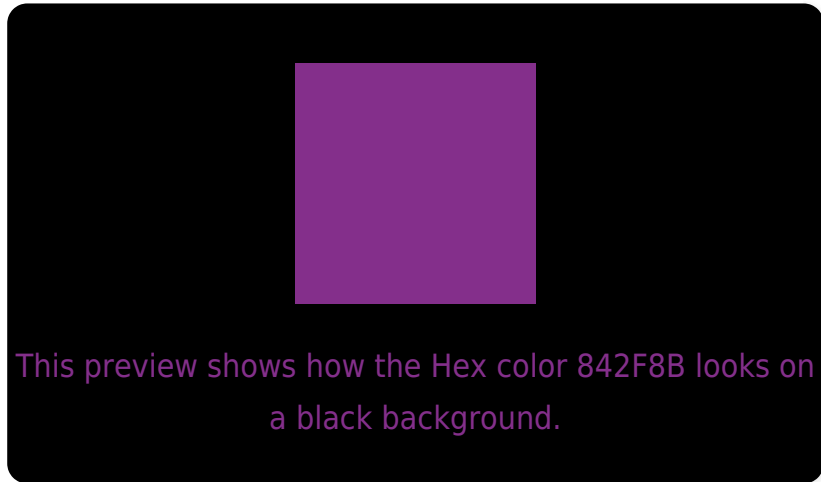
Large Text (above 18pt) WCAG AA ✓ Pass

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

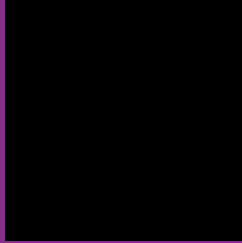
Any Text WCAG AA × Fail

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 842F8B Background



This preview shows how black text looks on a background with the Hex color 842F8B.

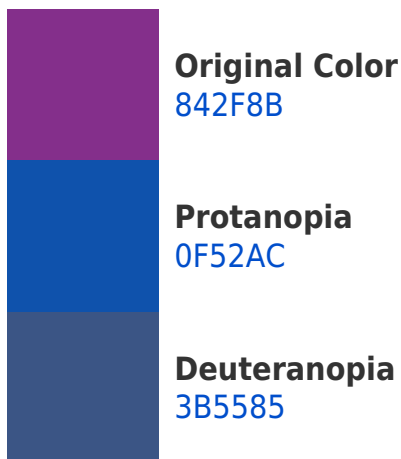


This preview shows how white text looks on a background with the Hex color 842F8B.

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](#).

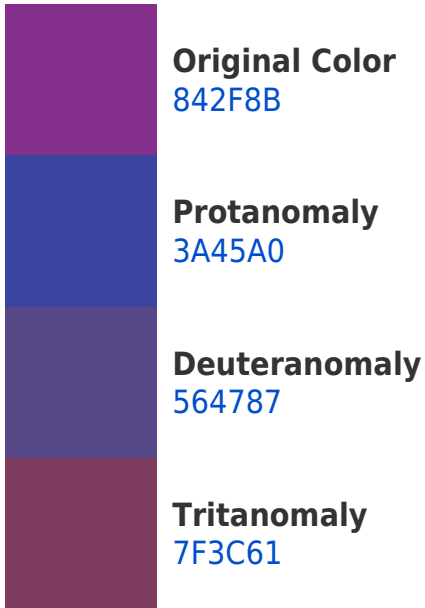
Dichromacy



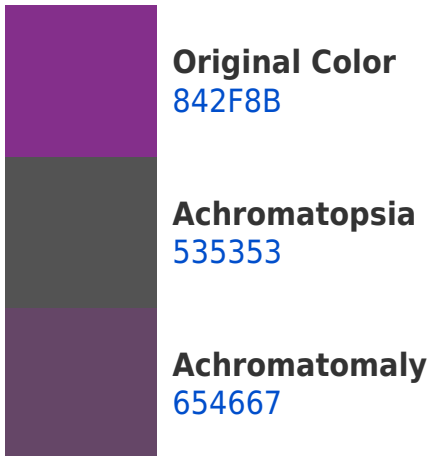


Tritanopia
7C4449

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 842F8B 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 #842F8B looks like.

```
.text, #text, p{  
    color:#842F8B  
}
```

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 #842F8B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #842F8B
}
```

Border

The CSS property to change the border of an element to Hex 842F8B is called "border". The border property can be set on classes, ids or directly on the HTML element.

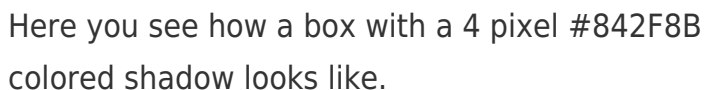
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#842F8B }
```

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

```
.border{ border-color:#842F8B }
```

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



Here you see how a box with a 4 pixel #842F8B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #842F8B; -webkit-box-shadow:4px 4px  
4px 4px #842F8B; box-shadow:4px 4px 4px  
4px #842F8B }
```

Background

The CSS property to change the background color of an element to Hex 842F8B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#842F8B }
```

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

```
.background{ background-color:#842F8B }
```

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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