

Converting Colors

Hex(842BC0)

Have a look what the booklet for
Hex(842BC0) contains.

Hex(842BC0)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(842BC0)

Conversions

Conversions Part 1

Format	Color
Hex	842BC0
RGB	132, 43, 192
RGB Percent	52%, 17%, 75%
CMY	0.4824, 0.8314, 0.2471
CMYK	0.31, 0.78, 0.00, 0.25
HSL	276°, 63%, 46%
HSV	276°, 78%, 75%
XYZ	19.8940, 10.4391, 50.8356
YIQ	86.5970, 5.2150, 65.2070

Conversions

Conversions Part 2

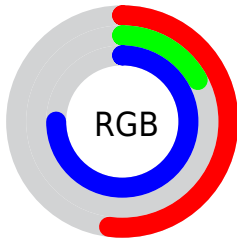
Format	Color
R_{YB}	132, 43, 192
Decimal	8661952
CIE _{Lab}	38.62, 61.44, -60.98
CIE _{LCh}	39, 86.569, 315.214
Yxy	10.4391, 0.2451, 0.1286
Android (android.graphics.Color)	4286852032 (0xFF842BC0)
YUV	86.5970, 51.9637, 39.8184
Hunter-Lab	32.3095, 53.3665, -70.6698

Details

The Hex color **842BC0** is a dark color, and the websafe version is hex **9933CC**. The color can be described as dark muted purple. A complement of this color would be **67C02B**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **BE63F9**, and **4B0089** is the 20% darker color. If you saturate the color by 10%, you get **7C18C0**, and if you desaturate by 10%, it is **8C3EC0**.

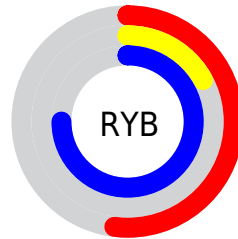
Distribution



Red (52%)

Green (17%)

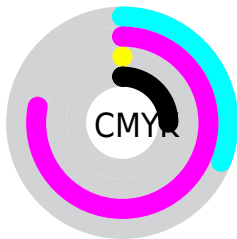
Blue (75%)



Red (52%)

Yellow (17%)

Blue (75%)

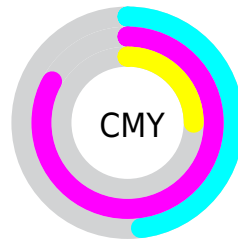


Cyan (31%)

Magenta (78%)

Yellow (0%)

Black (25%)



Cyan (48%)

Magenta (83%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 842BC0 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 842BC0 by changing the saturation by 10% instead.

 842BC0

 842BC0

FFFFFF

 6804A4

 BE63F9

 4B0089

 DB7EFF

 2D006F

 F999FF

 0D0056

 FFB5FF

 00003D

 FFD2FF

 000327

 FFEFFF

 000110

 000000

 842BC0

 842BC0

■ 7C18C0

■ 8C3EC0

■ 7505C0

■ 9351C0

■ 7300C0

■ 9B65C0

■ A378C0

■ AB8BC0

■ B29EC0

■ BAB1C0

■ C2C5C0

■ CAD8C0

Harmonies

Analogous

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



0059E6



842BC0



C10081

Triad

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



842BC0



8C4B00



00757E

Complementary

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



842BC0



67C02B

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.



007334



842BC0



4E6300

Square

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



842BC0



B80D00



006E00



0075BF

Rectangle

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



842BC0



CE0052



006E00



007566

Sweetspot

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



842BC0



E3C0FA



2B69C0



6F5A7D



FCFCFC



7D7D7D

Same Dimension

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



842BC0



9C11FA



C02BB4



5D5761



6000A1



140021

Inverse Universe

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



C02B67



FA116F



2BC037



61575B



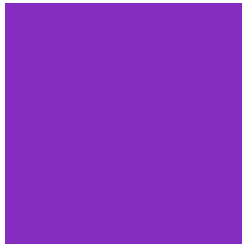
A10041



21000D

Previews

White Background



This preview shows how the Hex color 842BC0 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 × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

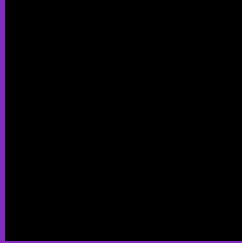
Any Text WCAG AA × Fail

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 842BC0 Background



This preview shows how black text looks on a background with the Hex color 842BC0.

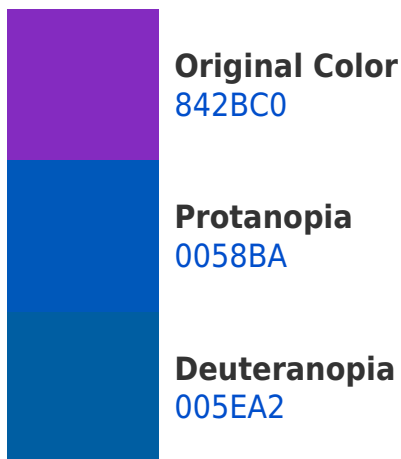


This preview shows how white text looks on a background with the Hex color 842BC0.

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](#).

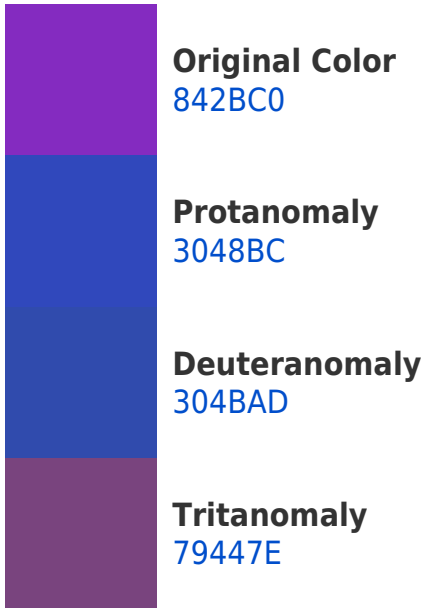
Dichromacy



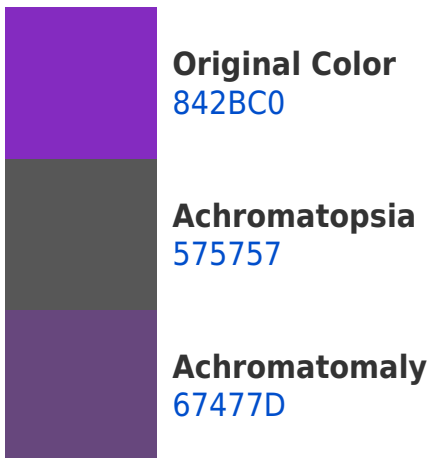


Tritanopia
725359

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 842BC0 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 #842BC0 looks like.

```
.text, #text, p{  
    color:#842BC0  
}
```

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 #842BC0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #842BC0
}
```

Border

The CSS property to change the border of an element to Hex 842BC0 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
#842BC0 }
```

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

```
.border{ border-color:#842BC0 }
```

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

Here you see how a box with a 4 pixel #842BC0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #842BC0; -webkit-box-shadow:4px 4px  
4px 4px #842BC0; box-shadow:4px 4px 4px  
4px #842BC0 }
```

Background

The CSS property to change the background color of an element to Hex 842BC0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#842BC0 }
```

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

```
.background{ background-color:#842BC0 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor