

Converting Colors

Hex(842AC8)

Have a look what the booklet for
Hex(842AC8) contains.

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Color

Hex(842AC8)

Conversions

Conversions Part 1

Format	Color
Hex	842AC8
RGB	132, 42, 200
RGB Percent	52%, 16%, 78%
CMY	0.4824, 0.8353, 0.2157
CMYK	0.34, 0.79, 0.00, 0.22
HSL	274°, 65%, 47%
HSV	274°, 79%, 78%
XYZ	20.7690, 10.7316, 55.6203
YIQ	86.9220, 2.9220, 68.2180

Conversions

Conversions Part 2

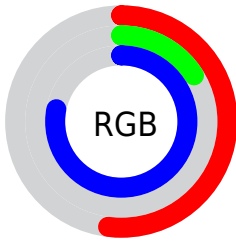
Format	Color
R _Y B	132, 42, 200
Decimal	8661704
CIE Lab	39.12, 63.55, -64.84
CIE LCh	39, 90.788, 314.428
Yxy	10.7316, 0.2384, 0.1232
Android (android.graphics.Color)	4286851784 (0xFF842AC8)
YUV	86.9220, 55.7475, 39.5334
Hunter-Lab	32.7591, 55.8391, -77.7347

Details

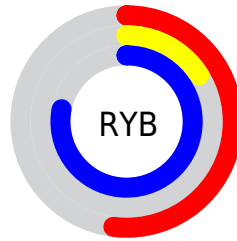
The Hex color **842AC8** is a dark color, and the websafe version is hex **9933CC**. The color can be described as dark muted purple. A complement of this color would be **6EC82A**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **BE62FF**, and **4A0091** is the 20% darker color. If you saturate the color by 10%, you get **7B16C8**, and if you desaturate by 10%, it is **8D3EC8**.

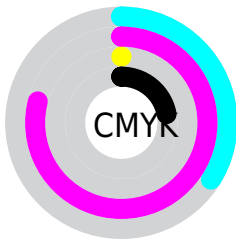
Distribution



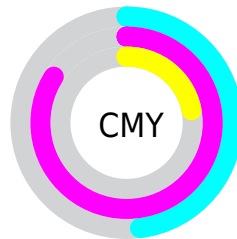
- Red (52%)
- Green (16%)
- Blue (78%)



- Red (52%)
- Yellow (16%)
- Blue (78%)



- Cyan (34%)
- Magenta (79%)
- Yellow (0%)
- Black (22%)



- Cyan (48%)
- Magenta (84%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 842AC8 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 842AC8 by changing the saturation by 10% instead.

 842AC8

 842AC8

FFFFFF

 6701AC

 BE62FF

 4A0091

 DC7EFF

 2A0076

 FA99FF

 05005D

 FFB5FF

 000044

 FFD2FF

 00032D

 FFEFFF

 000117

 000000

 842AC8

 842AC8

 7B16C8

 8D3EC8

 7302C8

 9552C8

 7200C8

 9E66C8

 A67AC8

 AF8EC8

 B8A2C8

 C0B6C8

 C9CAC8

 D1DEC8

Harmonies

Analogous

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



005CEF



842AC8



C60086

Triad

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



842AC8



904A00



00777F

Complementary

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



842AC8



6EC82A

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.



007531



842AC8



506400

Square

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



842AC8



BE0000



007000



0077C4

Rectangle

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



842AC8



D40055



007000



007766

Sweetspot

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



842AC8



E5C2FF



2A6EC8



705B80



000000



808080

Same Dimension

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



842AC8



970DFF



C82ABD



5F5A63



5D00A3



140024

Inverse Universe

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



C82A6E



FF0D75



2AC835



635A5E



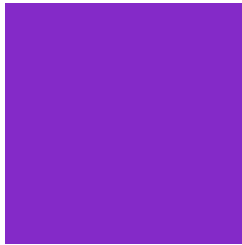
A30046



24000F

Previews

White Background



This preview shows how the Hex color 842AC8 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

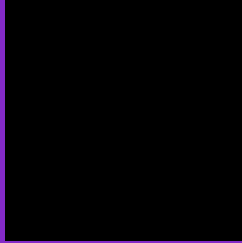
Any Text WCAG AA × Fail

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 842AC8 Background



This preview shows how black text looks on a background with the Hex color 842AC8.

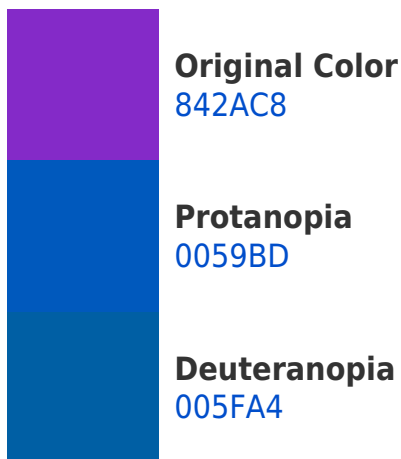



This preview shows how white text looks on a background with the Hex color 842AC8.

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](#).

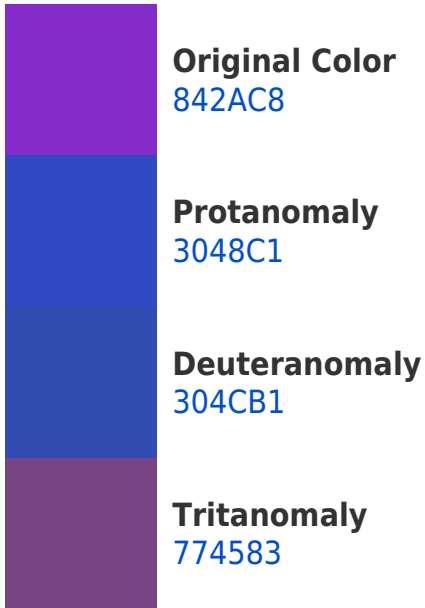
Dichromacy



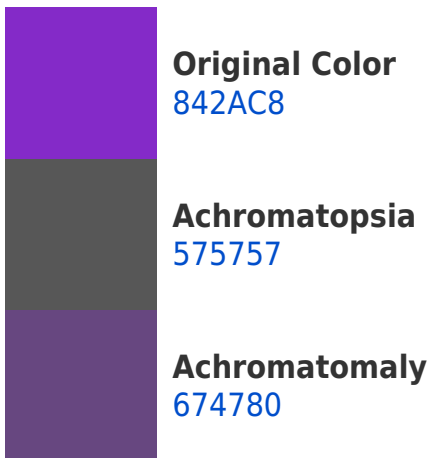


Tritanopia
70555C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 842AC8 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 #842AC8 looks like.

```
.text, #text, p{  
    color:#842AC8  
}
```

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 #842AC8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #842AC8
}
```

Border

The CSS property to change the border of an element to Hex 842AC8 is called "border". The border property can be set on classes, ids or directly on the HTML element.

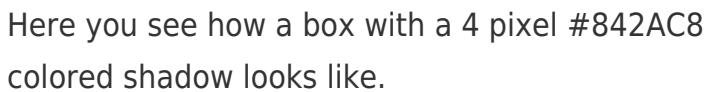
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#842AC8 }
```

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

```
.border{ border-color:#842AC8 }
```

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



Here you see how a box with a 4 pixel #842AC8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #842AC8; -webkit-box-shadow:4px 4px  
4px 4px #842AC8; box-shadow:4px 4px 4px  
4px #842AC8 }
```

Background

The CSS property to change the background color of an element to Hex 842AC8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#842AC8 }
```

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

```
.background{ background-color:#842AC8 }
```

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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