

Converting Colors

Hex(C842A9)

Have a look what the booklet for
Hex(C842A9) contains.

Hex(C842A9)	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(C842A9)

Conversions

Conversions Part 1

Format	Color
Hex	C842A9
RGB	200, 66, 169
RGB Percent	78%, 26%, 66%
CMY	0.2157, 0.7412, 0.3373
CMYK	0.00, 0.67, 0.16, 0.22
HSL	314°, 55%, 52%
HSV	314°, 67%, 78%
XYZ	32.9291, 19.0404, 39.4757
YIQ	117.8080, 46.8010, 60.4410

Conversions

Conversions Part 2

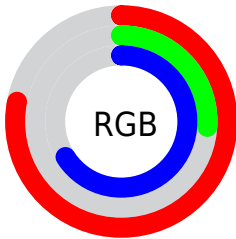
Format	Color
R _Y B	200, 66, 169
Decimal	13124265
CIE Lab	50.73, 63.52, -27.55
CIE LCh	51, 69.239, 336.552
Yxy	19.0404, 0.3601, 0.2082
Android (android.graphics.Color)	4291314345 (0xFFC842A9)
YUV	117.8080, 25.2377, 72.0824
Hunter-Lab	43.6353, 58.3421, -23.0935

Details

The Hex color **C842A9** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **42C861**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **FF7BE1**, and **8E0075** is the 20% darker color. If you saturate the color by 10%, you get **C82EA4**, and if you desaturate by 10%, it is **C856AE**.

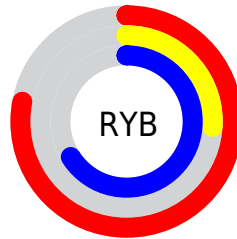
Distribution



Red (78%)

Green (26%)

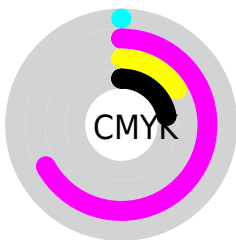
Blue (66%)



Red (78%)

Yellow (26%)

Blue (66%)

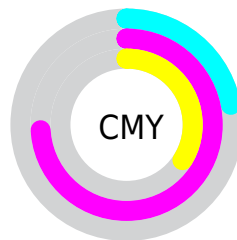


Cyan (0%)

Magenta (67%)

Yellow (16%)

Black (22%)



Cyan (22%)

Magenta (74%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color C842A9 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 C842A9 by changing the saturation by 10% instead.

 C842A9

 C842A9

FFFFFF

 AB218E

 FF7BE1

 8E0075

 FF98FD

 72005C

 FFB4FF

 570044

 FFD1FF

 3E002D

 FFEFFF

 200018

 000000

 C842A9

 C842A9

 C82EA4

 C856AE

 C81AA0

 C86AB2

 C8069B

 C87EB7

 C8009A

 C892BC

 C8A6C0

 C8BAC5

 C8CEC9

 C8E2CE

 C8F6D3

Harmonies

Analogous

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



8862D9



C842A9



DF316E

Triad

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



C842A9



867B00



0092BE

Complementary

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



C842A9



42C861

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.



009385



C842A9



468800

Square

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



C842A9



B66400



009047



008BE6

Rectangle

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



C842A9



DD3C48



009047



0093AC

Sweetspot

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



C842A9



FFCCF3



5F42C8



806178



000000



808080

Same Dimension

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



C842A9



FF33D0



C84268



635A61



A3007D



24001B

Inverse Universe

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



C842A9



FF33D0



42C8A2



635A61



A3007D



24001B

Previews

White Background



This preview shows how the Hex color C842A9 looks on a white background.

Color Contrast Check

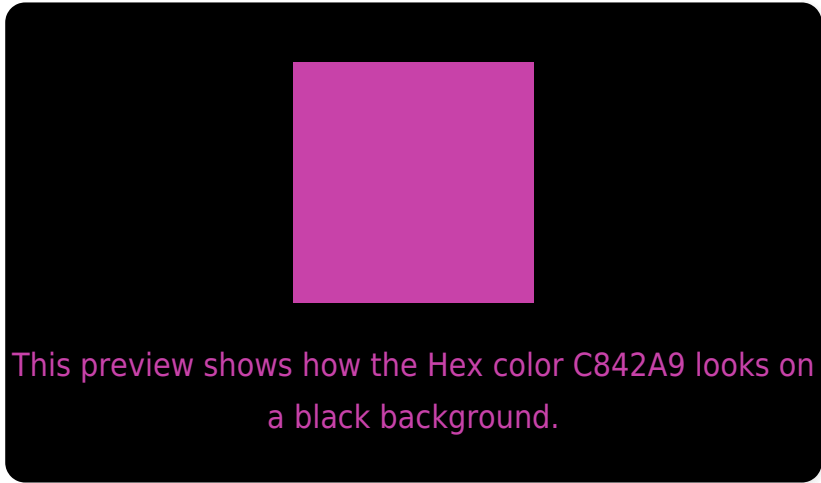
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black 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

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

Hex C842A9 Background



This preview shows how black text looks on a background with the Hex color C842A9.

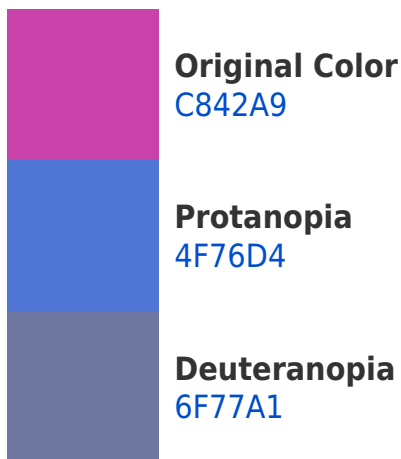



This preview shows how white text looks on a background with the Hex color C842A9.

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
C1585E

Trichromacy



Original Color
C842A9



Protanomaly
7B63C4



Deuteranomaly
8F64A4



Tritanomaly
C45079

Monochromacy



Original Color
C842A9



Achromatopsia
767676



Achromatomaly
946389

CSS Examples

Text

The CSS property to change the color of the text to Hex C842A9 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 #C842A9 looks like.

```
.text, #text, p{  
    color:#C842A9  
}
```

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 #C842A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C842A9
}
```

Border

The CSS property to change the border of an element to Hex C842A9 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
#C842A9 }
```

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

```
.border{ border-color:#C842A9 }
```

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

Here you see how a box with a 4 pixel #C842A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C842A9; -webkit-box-shadow:4px 4px  
4px 4px #C842A9; box-shadow:4px 4px 4px  
4px #C842A9 }
```

Background

The CSS property to change the background color of an element to Hex C842A9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C842A9 }
```

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

```
.background{ background-color:#C842A9 }
```

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