

Converting Colors

Hex(9847C2)

Have a look what the booklet for
Hex(9847C2) contains.

Hex(9847C2)	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(9847C2)

Conversions

Conversions Part 1

Format	Color
Hex	9847C2
RGB	152, 71, 194
RGB Percent	60%, 28%, 76%
CMY	0.4039, 0.7216, 0.2392
CMYK	0.22, 0.63, 0.00, 0.24
HSL	280°, 50%, 52%
HSV	280°, 63%, 76%
XYZ	24.9397, 15.0769, 52.6346
YIQ	109.2410, 8.7930, 55.4250

Conversions

Conversions Part 2

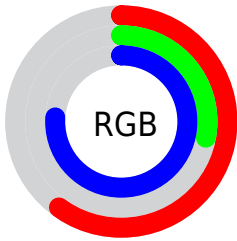
Format	Color
RYB	152, 71, 194
Decimal	9979842
CIELab	45.74, 53.98, -50.52
CIElCh	46, 73.934, 316.900
Yxy	15.0769, 0.2692, 0.1627
Android (android.graphics.Color)	4288169922 (0xFF9847C2)
YUV	109.2410, 41.7862, 37.4996
Hunter-Lab	38.8290, 46.6992, -53.1902

Details

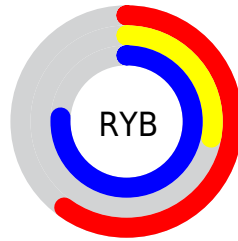
The Hex color **9847C2** is a dark color, and the websafe version is hex **9933CC**. The color can be described as middle muted purple. A complement of this color would be **71C247**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **D17CFB**, and **610B8C** is the 20% darker color. If you saturate the color by 10%, you get **9134C2**, and if you desaturate by 10%, it is **9F5AC2**.

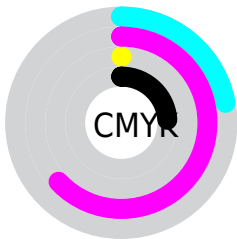
Distribution



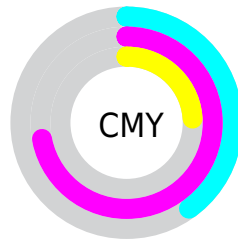
- Red (60%)
- Green (28%)
- Blue (76%)



- Red (60%)
- Yellow (28%)
- Blue (76%)



- Cyan (22%)
- Magenta (63%)
- Yellow (0%)
- Black (24%)



- Cyan (40%)
- Magenta (72%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9847C2 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 9847C2 by changing the saturation by 10% instead.

9847C2

9847C2

FFFFFF

7C2CA6

D17CFB

610B8C

EF97FF

460071

FFB3FF

2A0058

FFCFFF

0D0040

FFECFF

000329

000113

000000

9847C2

9847C2

9134C2

9F5AC2

8B20C2

A56EC2

840DC2

AC81C2

8000C2

B295C2

B9A8C2

C0BBC2

C6CFC2

CDE2C2

D4F6C2

Harmonies

Analogous

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



0068E4



9847C2



CA178A

Triad

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



9847C2



9A6000



00868F

Complementary

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



9847C2



71C247

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.



00854E



9847C2



647400

Square

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



9847C2



C23F0B



007F00



0084C6

Rectangle

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



9847C2



D60061



007F00



00867A

Sweetspot

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



9847C2



ECCCFC



4772C2



756280



000000



808080

Same Dimension

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



9847C2



BB3DFC



C247B0



5E5761



6A00A1



160021

Inverse Universe

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



C24771



FC3D7E



47C259



61575B



A10037



21000B

Previews

White Background



This preview shows how the Hex color 9847C2 looks on a white background.

Color Contrast Check

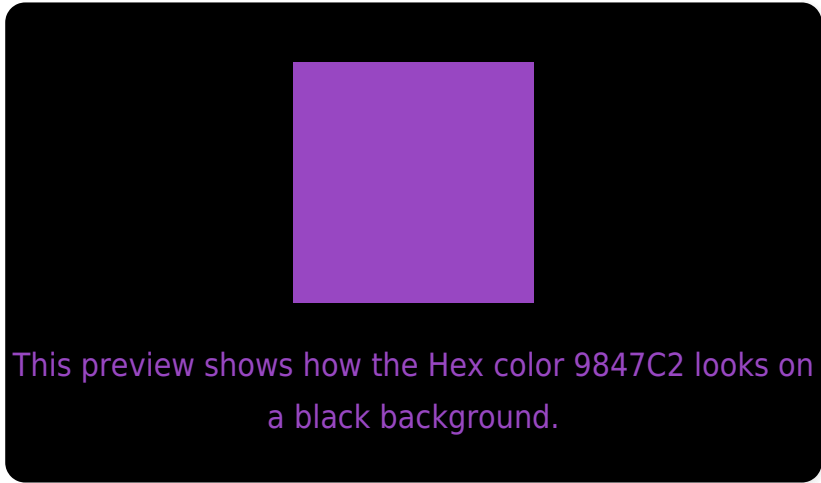
Large Text (above 18pt) WCAG AA ✓ Pass

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

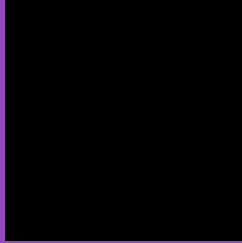
Any Text WCAG AA × Fail

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 9847C2 Background



This preview shows how black text looks on a background with the Hex color 9847C2.




This preview shows how white text looks on a background with the Hex color 9847C2.

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
8A6169

Trichromacy



Original Color
9847C2



Protanomaly
375DD4



Deuteranomaly
5660BE



Tritanomaly
8F5889

Monochromacy



Original Color
9847C2



Achromatopsia
6D6D6D



Achromatomaly
7D5F8C

CSS Examples

Text

The CSS property to change the color of the text to Hex 9847C2 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 #9847C2 looks like.

```
.text, #text, p{  
    color:#9847C2  
}
```

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 #9847C2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9847C2
}
```

Border

The CSS property to change the border of an element to Hex 9847C2 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".

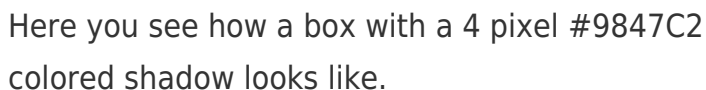
```
.border, #border, table{ border:4px solid
#9847C2 }
```

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

```
.border{ border-color:#9847C2 }
```

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

Here you see how a box with a 4 pixel #9847C2 colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a thin purple border on the top, bottom, and left sides, and a thicker purple shadow on the right side. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #9847C2 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9847C2; -webkit-box-shadow:4px 4px  
4px 4px #9847C2; box-shadow:4px 4px 4px  
4px #9847C2 }
```

Background

The CSS property to change the background color of an element to Hex 9847C2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9847C2 }
```

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

```
.background{ background-color:#9847C2 }
```

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