

Converting Colors

Hex(C851A9)

Have a look what the booklet for
Hex(C851A9) contains.

| | |
|--|----|
| Hex(C851A9) | 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(C851A9)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | C851A9 |
| RGB | 200, 81, 169 |
| RGB Percent | 78%, 32%, 66% |
| CMY | 0.2157, 0.6824, 0.3373 |
| CMYK | 0.00, 0.59, 0.16, 0.22 |
| HSL | 316°, 52%, 55% |
| HSV | 316°, 60%, 78% |
| XYZ | 33.9233, 21.0288, 39.8071 |
| YIQ | 126.6130, 42.6760, 52.5960 |

Conversions

Conversions Part 2

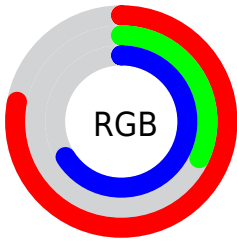
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 200, 81, 169 |
| Decimal | 13128105 |
| CIE Lab | 52.98, 57.34, -24.08 |
| CIE LCh | 53, 62.187, 337.222 |
| Yxy | 21.0288, 0.3580, 0.2219 |
| Android (android.graphics.Color) | 4291318185 (0xFFC851A9) |
| YUV | 126.6130, 20.8968, 64.3604 |
| Hunter-Lab | 45.8572, 51.7971, -19.3677 |

Details

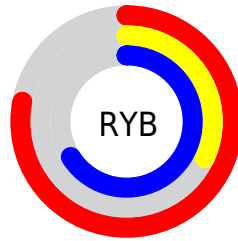
The Hex color **C851A9** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **51C870**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **FF88E0**, and **8F1275** is the 20% darker color. If you saturate the color by 10%, you get **C83DA4**, and if you desaturate by 10%, it is **C865AE**.

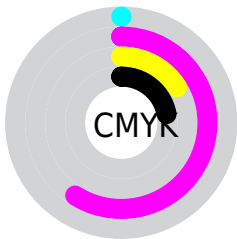
Distribution



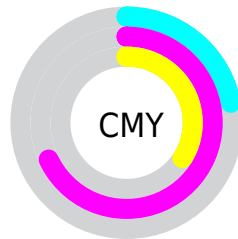
- Red (78%)
- Green (32%)
- Blue (66%)



- Red (78%)
- Yellow (32%)
- Blue (66%)



- Cyan (0%)
- Magenta (59%)
- Yellow (16%)
- Black (22%)



- Cyan (22%)
- Magenta (68%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color C851A9 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 C851A9 by changing the saturation by 10% instead.

 C851A9

 C851A9

FFFFFF

 AB358E

 FF88E0

 8F1275

 FFA4FD

 73005C

 FFC1FF

 580044

 FFDDFF

 3E002E

 FFFBFF

 240018

 000000

 C851A9

 C851A9

 C83DA4

 C865AE

 C8299F

 C879B3

 C81599

 C88DB9

 C80194

 C8A1BE

 C80094

 C8B5C3

 C8C9C8

 C8DDCD

 C8F1D3

 C8FFD8

Harmonies

Analogous

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



906AD4



C851A9



DD4674

Triad

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



C851A9



8C8000



0096BE

Complementary

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



C851A9



51C870

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.



00978A



C851A9



538D1E

Square

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



C851A9



B86C0F



009453



008FE1

Rectangle

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



C851A9



DB4E51



009453



0097AE

Sweetspot

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



C851A9



FFD1F3



6F51C8



806378



000000



808080

Same Dimension

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



C851A9



FF4AD0



C8516F



635A61



A30079



24001A

Inverse Universe

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



C851A9



FF4AD0



51C8AA



635A61



A30079



24001A

Previews

White Background



This preview shows how the Hex color C851A9 looks on a white background.

Color Contrast Check

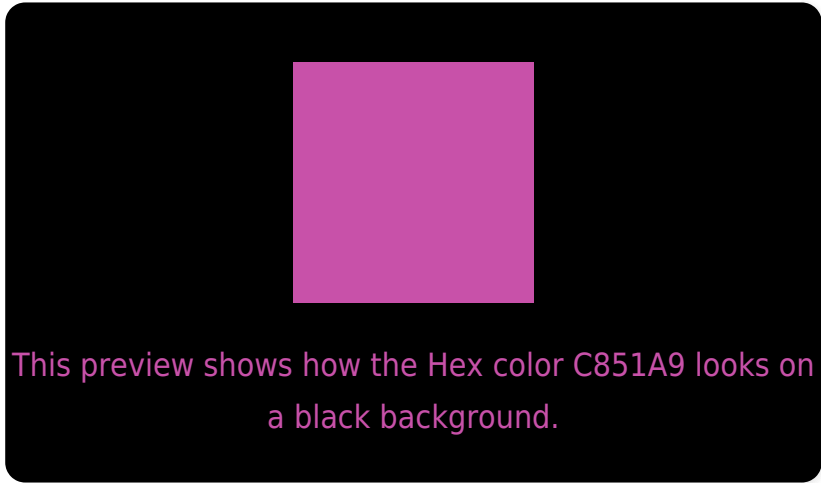
Large Text (above 18pt) WCAG AA ✓ Pass

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 C851A9 Background



This preview shows how black text looks on a background with the Hex color C851A9.

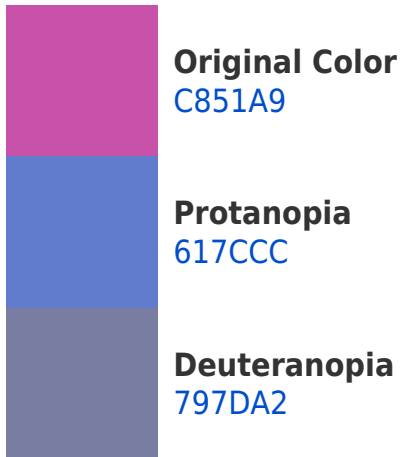


This preview shows how white text looks on a background with the Hex color C851A9.

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](#).

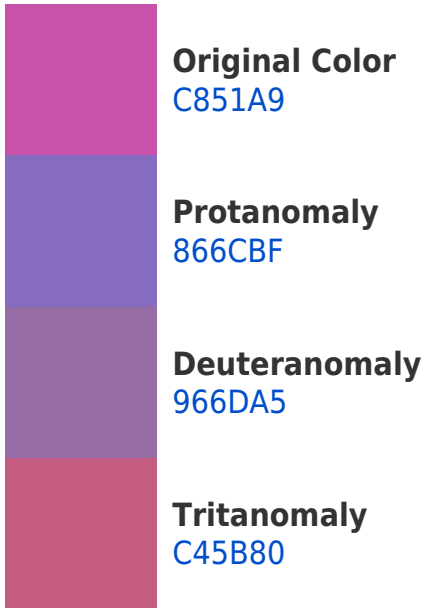
Dichromacy



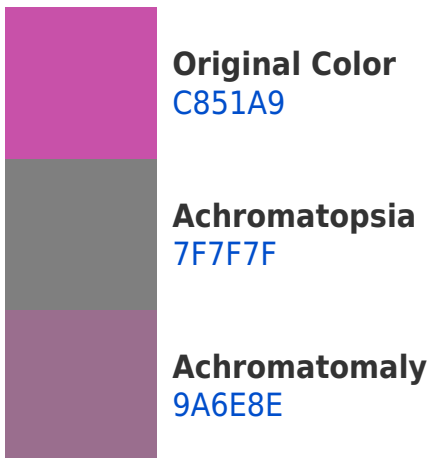


Tritanopia
C26168

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C851A9 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 #C851A9 looks like.

```
.text, #text, p{  
    color:#C851A9  
}
```

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 #C851A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C851A9
}
```

Border

The CSS property to change the border of an element to Hex C851A9 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
#C851A9 }
```

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

```
.border{ border-color:#C851A9 }
```

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

Here you see how a box with a 4 pixel #C851A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C851A9; -webkit-box-shadow:4px 4px  
4px 4px #C851A9; box-shadow:4px 4px 4px  
4px #C851A9 }
```

Background

The CSS property to change the background color of an element to Hex C851A9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C851A9 }
```

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

```
.background{ background-color:#C851A9 }
```

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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