

# Converting Colors

Hex(C804B2)

Have a look what the booklet for  
Hex(C804B2) contains.

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**Color**

**Hex(C804B2)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C804B2
RGB	200, 4, 178
RGB Percent	78%, 2%, 70%
CMY	0.2157, 0.9843, 0.3020
CMYK	0.00, 0.98, 0.11, 0.22
HSL	307°, 96%, 40%
HSV	307°, 98%, 78%
XYZ	31.8987, 15.5805, 43.4456
YIQ	82.4400, 60.9620, 95.6660

# Conversions

## Conversions Part 2

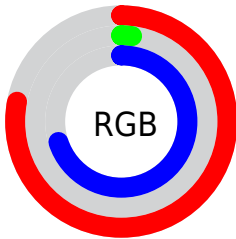
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	200, 4, 178
Decimal	13108402
CIE <sub>Lab</sub>	46.42, 78.42, -39.62
CIE <sub>LCh</sub>	46, 87.860, 333.195
Yxy	15.5805, 0.3508, 0.1714
Android (android.graphics.Color)	4291298482 (0xFFC804B2)
YUV	82.4400, 47.1111, 103.1001
Hunter-Lab	39.4722, 75.1751, -37.6277

# Details

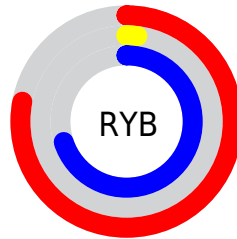
The Hex color **C804B2** is a dark color, and the websafe version is hex **CC33CC**. The color can be described as dark washed rose. A complement of this color would be **04C81A**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **FF5CEA**, and **8D007D** is the 20% darker color. If you saturate the color by 10%, you get **C800B2**, and if you desaturate by 10%, it is **C818B4**.

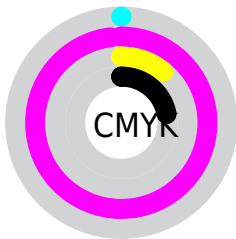
# Distribution



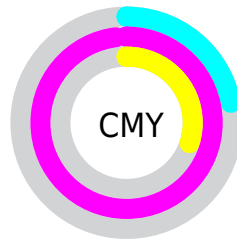
- Red (78%)
- Green (2%)
- Blue (70%)



- Red (78%)
- Yellow (2%)
- Blue (70%)



- Cyan (0%)
- Magenta (98%)
- Yellow (11%)
- Black (22%)



- Cyan (22%)
- Magenta (98%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C804B2 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 C804B2 by changing the saturation by 10% instead.



 C804B2

 C804B2

FFFFFF

 AA0097

 FF5CEA

 8D007D

 FF7AFF

 700063

 FF98FF

 54004B

 FFB5FF

 390033

 FFD3FF

 1A001D

 FFF1FF

 000000

 C804B2

 C804B2

 C800B2

 C818B4

 C82CB6

 C840B9

 C854BB

 C868BD

 C87CBF

 C890C2

 C8A4C4

 C8B8C6

# Harmonies

## Analogous

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



6A55EC



C804B2



E8006A

# Triad

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



C804B2



806E00



008BBE

# Complementary

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



C804B2



04C81A

# 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.



008B74



C804B2



2B7F00

# Square

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



C804B2



B94E00



008722



0086F3

# Rectangle

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



C804B2



E6003A



008722



008BA7



# Sweetspot

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



C804B2



FFB5F7



1804C8



80537A



000000



808080



# Same Dimension

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



C804B2



FF00E2



C80452



635A62



A30091



240020



# Inverse Universe

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



C804B2



FF00E2



04C87A



635A62



A30091



240020



# Previews

## White Background



This preview shows how the Hex color C804B2 looks on a white background.

## Color Contrast Check

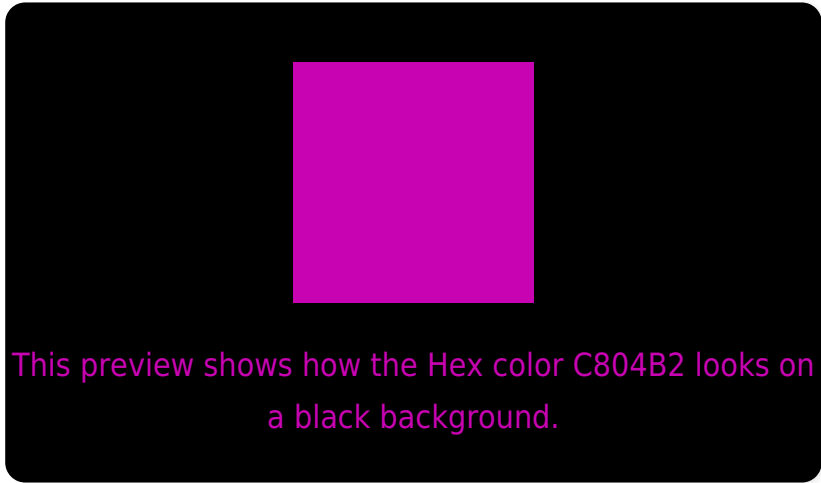
Large Text (above 18pt) WCAG AA ✓ Pass

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 C804B2 Background



This preview shows how black text looks on a background with the Hex color C804B2.

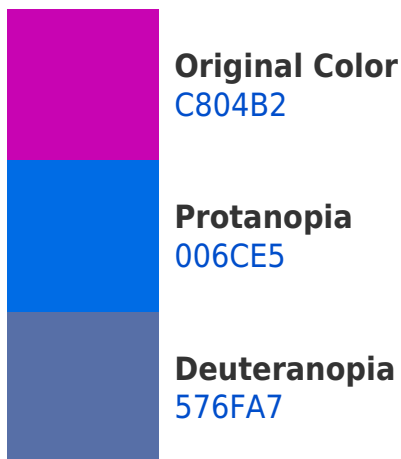



This preview shows how white text looks on a background with the Hex color C804B2.

# 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**  
BE464A

# Trichromacy



**Original Color**  
C804B2



**Protanomaly**  
4946D2



**Deuteranomaly**  
8048AB



**Tritanomaly**  
C22E70

# Monochromacy



**Original Color**  
C804B2



**Achromatopsia**  
525252



**Achromatomaly**  
7D3675

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C804B2 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 #C804B2 looks like.

```
.text, #text, p{  
    color:#C804B2  
}
```

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 #C804B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C804B2
}
```

## Border

The CSS property to change the border of an element to Hex C804B2 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
#C804B2 }
```

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

```
.border{ border-color:#C804B2 }
```

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

Here you see how a box with a 4 pixel #C804B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C804B2; -webkit-box-shadow:4px 4px  
4px 4px #C804B2; box-shadow:4px 4px 4px  
4px #C804B2 }
```

# Background

The CSS property to change the background color of an element to Hex C804B2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C804B2 }
```

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

```
.background{ background-color:#C804B2 }
```

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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