

Converting Colors

Hex(C280B9)

Have a look what the booklet for
Hex(C280B9) contains.

Hex(C280B9)	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(C280B9)

Conversions

Conversions Part 1

Format	Color
Hex	C280B9
RGB	194, 128, 185
RGB Percent	76%, 50%, 73%
CMY	0.2392, 0.4980, 0.2745
CMYK	0.00, 0.34, 0.05, 0.24
HSL	308°, 35%, 63%
HSV	308°, 34%, 76%
XYZ	38.7243, 30.4105, 49.7278
YIQ	154.2320, 21.0390, 31.7190

Conversions

Conversions Part 2

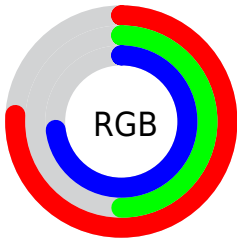
Format	Color
RYB	194, 128, 185
Decimal	12746937
CIELab	62.01, 34.43, -19.53
CIELCh	62, 39.583, 330.444
Yxy	30.4105, 0.3258, 0.2558
Android (android.graphics.Color)	4290937017 (0xFFC280B9)
YUV	154.2320, 15.1686, 34.8765
Hunter-Lab	55.1457, 28.8409, -14.8629

Details

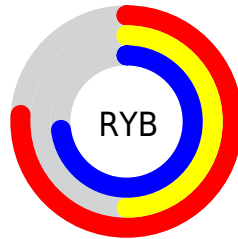
The Hex color **C280B9** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **80C289**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **FBB6F1**, and **8B4D84** is the 20% darker color. If you saturate the color by 10%, you get **C26DB6**, and if you desaturate by 10%, it is **C293BC**.

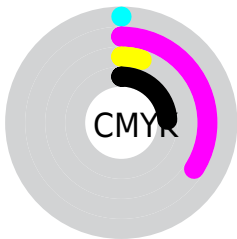
Distribution



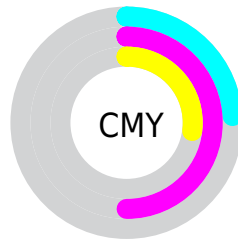
- Red (76%)
- Green (50%)
- Blue (73%)



- Red (76%)
- Yellow (50%)
- Blue (73%)



- Cyan (0%)
- Magenta (34%)
- Yellow (5%)
- Black (24%)



- Cyan (24%)
- Magenta (50%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color C280B9 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 C280B9 by changing the saturation by 10% instead.

 C280B9

FFFFFF

 FBB6F1

 FFD2FF

 FFEEFF

 C280B9

 A6669E

 8B4D84

 71356A

 571D52

 3F023B

 290025

 00010E

 000000

 C280B9

 C280B9

 C26DB6

 C293BC

 C259B4

 C2A7BE

 C246B1

 C2BAC1

 C232AE

 C2CEC4

 C21FAC

 C2E1C6

 C20CA9

 C2F4C9

 C200A8

 C2FFCC

 C2FFCE

 C2FFD1

Harmonies

Analogous

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



9A8DD2



C280B9



D77A97

Triad

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



C280B9



AB944E



00A7B8

Complementary

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



C280B9



80C289

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.



19A895



C280B9



879E58

Square

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



C280B9



C7885A



5CA572



00A2D2

Rectangle

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



C280B9



D97B7F



5CA572



00A8AD

Sweetspot

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



C280B9



FCE3F9



8980C2



80707D



000000



808080

Same Dimension

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



C280B9



FC95EE



C28098



615760



A1008B



21001D

Inverse Universe

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



C280B9



FC95EE



80C2AA



615760



A1008B



21001D

Previews

White Background



This preview shows how the Hex color C280B9 looks on a white background.

Color Contrast Check

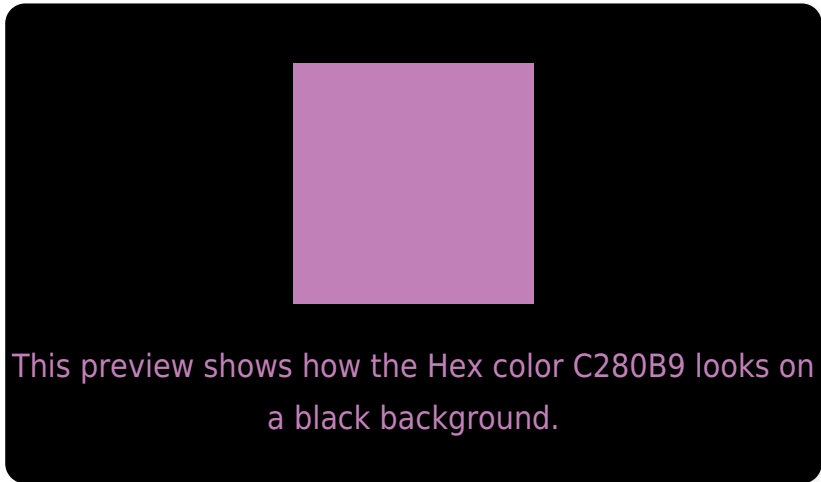
Large Text (above 18pt) WCAG AA × Fail

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

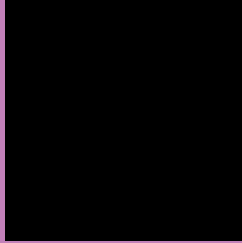
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Hex C280B9 Background



This preview shows how black text looks on a background with the Hex color C280B9.

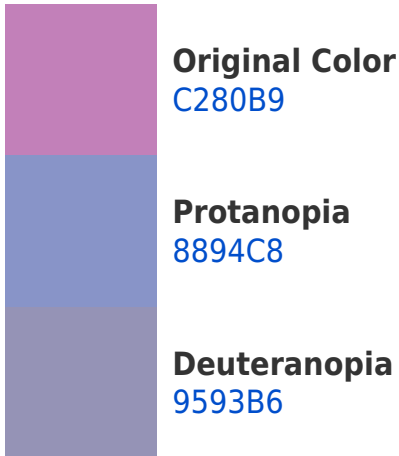


This preview shows how white text looks on a background with the Hex color C280B9.

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](#).

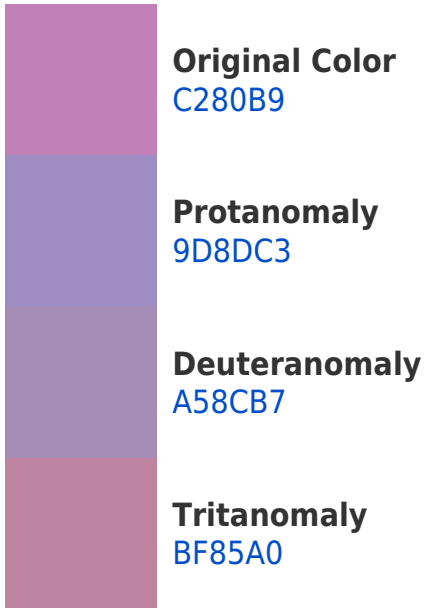
Dichromacy



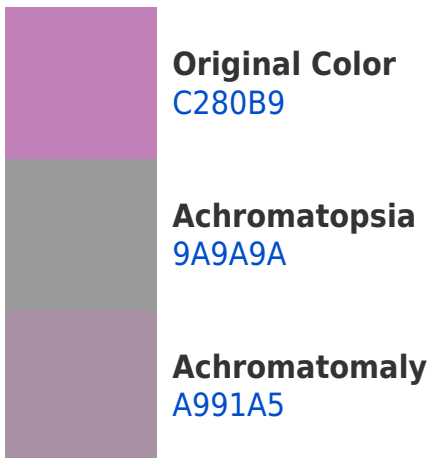


Tritanopia
BD8892

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C280B9 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 #C280B9 looks like.

```
.text, #text, p{  
    color:#C280B9  
}
```

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 #C280B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C280B9  
}
```

Border

The CSS property to change the border of an element to Hex C280B9 is called "border". The border property can be set on classes, ids or directly on the HTML element.

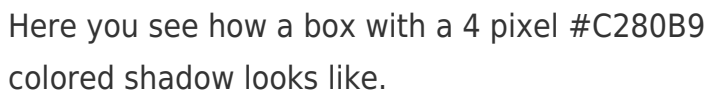
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#C280B9 }
```

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

```
.border{ border-color:#C280B9 }
```

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



Here you see how a box with a 4 pixel `#C280B9` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C280B9; -webkit-box-shadow:4px 4px  
4px 4px #C280B9; box-shadow:4px 4px 4px  
4px #C280B9 }
```

Background

The CSS property to change the background color of an element to Hex C280B9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C280B9 }
```

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

```
.background{ background-color:#C280B9 }
```

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