

Converting Colors

Hex(C283C8)

Have a look what the booklet for
Hex(C283C8) contains.

Hex(C283C8)	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(C283C8)

Conversions

Conversions Part 1

Format	Color
Hex	C283C8
RGB	194, 131, 200
RGB Percent	76%, 51%, 78%
CMY	0.2392, 0.4863, 0.2157
CMYK	0.03, 0.35, 0.00, 0.22
HSL	295°, 39%, 65%
HSV	295°, 34%, 78%
XYZ	40.7898, 31.8721, 58.6456
YIQ	157.7030, 15.3990, 34.8150

Conversions

Conversions Part 2

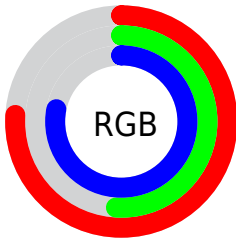
Format	Color
RYB	194, 131, 200
Decimal	12747720
CIELab	63.24, 35.61, -26.11
CIElCh	63, 44.153, 323.747
Yxy	31.8721, 0.3106, 0.2427
Android (android.graphics.Color)	4290937800 (0xFFC283C8)
YUV	157.7030, 20.8524, 31.8325
Hunter-Lab	56.4553, 30.1718, -22.0715

Details

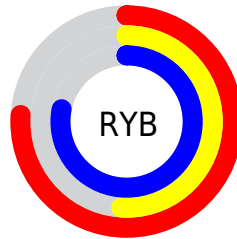
The Hex color **C283C8** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **89C883**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **FBB9FF**, and **8B5092** is the 20% darker color. If you saturate the color by 10%, you get **C06FC8**, and if you desaturate by 10%, it is **C497C8**.

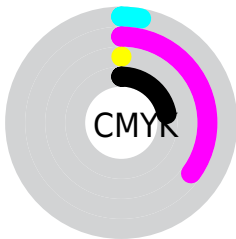
Distribution



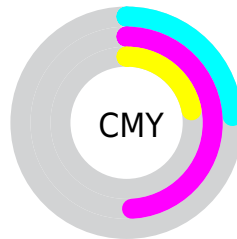
- Red (76%)
- Green (51%)
- Blue (78%)



- Red (76%)
- Yellow (51%)
- Blue (78%)



- Cyan (3%)
- Magenta (35%)
- Yellow (0%)
- Black (22%)



- Cyan (24%)
- Magenta (49%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color C283C8 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 C283C8 by changing the saturation by 10% instead.

 C283C8

 C283C8

FFFFFF

 A669AD

 FBB9FF

 8B5092

 FFD5FF

 713878

 FFF2FF

 571F5F

 3F0547

 280030

 00001B

 000000

 C283C8

 C283C8

 C06FC8

 C497C8

 BF5BC8

 C5ABC8

 BD47C8

 C7BFC8

 BB33C8

 C9D3C8

 B91FC8

 CBE7C8

 B80BC8

 CCFBC8

 B700C8

 CEFFC8

 D0FFC8

 D2FFC8

Harmonies

Analogous

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



8F92E1



C283C8



DE79A3

Triad

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



C283C8



B89449



00ADB7

Complementary

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



C283C8



89C883

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.



0EAD8F



C283C8



92A04F

Square

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



C283C8



D5865B



63A969



00A9D8

Rectangle

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



C283C8



E47988



63A969



00ADAA

Sweetspot

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



C283C8



FDE6FF



838AC8



7E7080



000000



808080

Same Dimension

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



C283C8



F696FF



C883AC



635A63



9500A3



210024

Inverse Universe

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



C88389



FF96A0



83C89F



635A5A



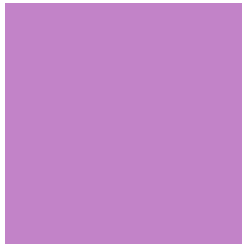
A3000E



240003

Previews

White Background



This preview shows how the Hex color C283C8 looks on a white background.

Color Contrast Check

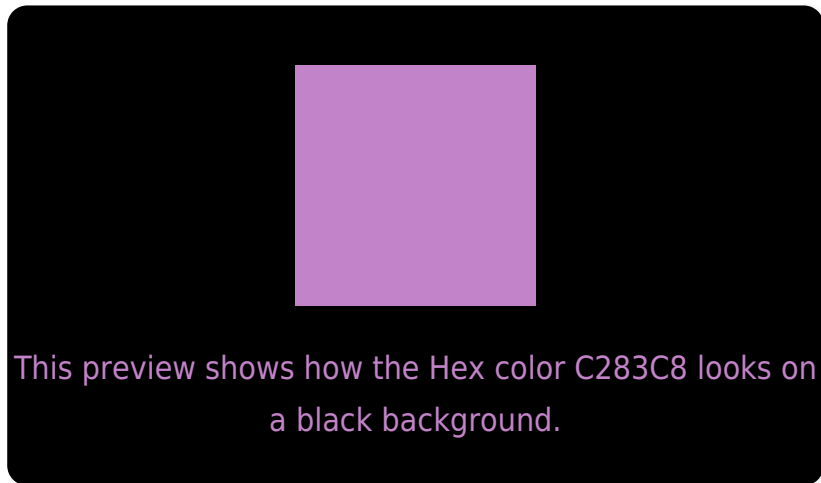
Large Text (above 18pt) WCAG AA × Fail

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 C283C8 Background



This preview shows how black text looks on a background with the Hex color C283C8.

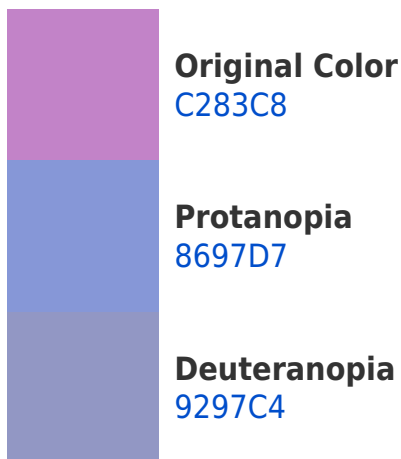


This preview shows how white text looks on a background with the Hex color C283C8.

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
BB8D98

Trichromacy



Original Color
C283C8



Protanomaly
9C90D2



Deuteranomaly
A390C5

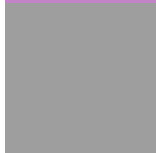


Tritanomaly
BE89A9

Monochromacy



Original Color
C283C8



Achromatopsia
9E9E9E



Achromatomaly
AB94AD

CSS Examples

Text

The CSS property to change the color of the text to Hex C283C8 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 #C283C8 looks like.

```
.text, #text, p{  
    color:#C283C8  
}
```

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 #C283C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C283C8
}
```

Border

The CSS property to change the border of an element to Hex C283C8 is called "border". The border property can be set on classes, ids or directly on the HTML element.

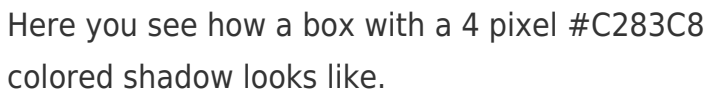
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C283C8 }
```

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

```
.border{ border-color:#C283C8 }
```

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



Here you see how a box with a 4 pixel `#C283C8` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C283C8; -webkit-box-shadow:4px 4px  
4px 4px #C283C8; box-shadow:4px 4px 4px  
4px #C283C8 }
```

Background

The CSS property to change the background color of an element to Hex C283C8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C283C8 }
```

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

```
.background{ background-color:#C283C8 }
```

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