

Converting Colors

Hex(C380B0)

Have a look what the booklet for
Hex(C380B0) contains.

Hex(C380B0)	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(C380B0)

Conversions

Conversions Part 1

Format	Color
Hex	C380B0
RGB	195, 128, 176
RGB Percent	76%, 50%, 69%
CMY	0.2353, 0.4980, 0.3098
CMYK	0.00, 0.34, 0.10, 0.24
HSL	317°, 36%, 63%
HSV	317°, 34%, 76%
XYZ	38.0613, 30.1750, 44.8926
YIQ	153.5050, 24.5240, 29.1320

Conversions

Conversions Part 2

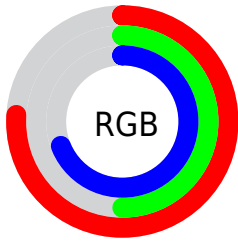
Format	Color
RYB	195, 128, 176
Decimal	12812464
CIELab	61.80, 33.17, -14.71
CIELCh	62, 36.289, 336.086
Yxy	30.1750, 0.3364, 0.2667
Android (android.graphics.Color)	4291002544 (0xFFC380B0)
YUV	153.5050, 11.0900, 36.3911
Hunter-Lab	54.9318, 27.5490, -10.0020

Details

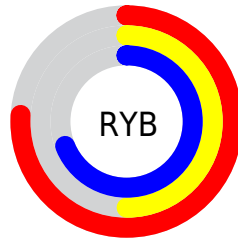
The Hex color **C380B0** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **80C393**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **FCB6E8**, and **8C4D7B** is the 20% darker color. If you saturate the color by 10%, you get **C36DAA**, and if you desaturate by 10%, it is **C394B6**.

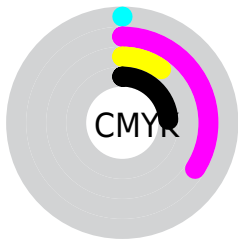
Distribution



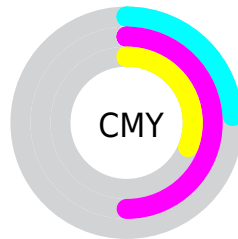
- Red (76%)
- Green (50%)
- Blue (69%)



- Red (76%)
- Yellow (50%)
- Blue (69%)



- Cyan (0%)
- Magenta (34%)
- Yellow (10%)
- Black (24%)



- Cyan (24%)
- Magenta (50%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color C380B0 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 C380B0 by changing the saturation by 10% instead.

 C380B0

 C380B0

FFFFFF

 A76695

 FCB6E8

 8C4D7B

 FFD2FF

 723562

 FFEEFF

 581D4B

 3F0334

 2A001F

 000001

 000000

 C380B0

 C380B0

 C36DAA

 C394B6

 C359A5

 C3A7BB

 C3469F

 C3BBC1

 C3329A

 C3CEC6

 C31F94

 C3E2CC

 C30B8F

 C3F5D1

 C3008C

 C3FFD7

 C3FFDC

 C3FFE2

Harmonies

Analogous

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



A18BC9



C380B0



D37C90

Triad

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



C380B0



A49654



00A5BA

Complementary

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



C380B0



80C393

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.



25A69B



C380B0



819F60

Square

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



C380B0



BF8A5B



59A47A



31A0CF

Rectangle

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



C380B0



D37E7B



59A47A



00A6B0

Sweetspot

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



C380B0



FCE3F5



9380C3



80707B



000000



808080

Same Dimension

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



C380B0



FC95DF



C3808F



61575E



A10073



210018

Inverse Universe

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



C380B0



FC95DF



80C3B4



61575E



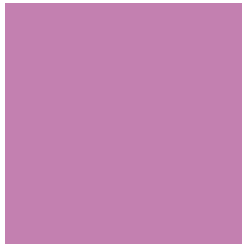
A10073



210018

Previews

White Background



This preview shows how the Hex color C380B0 looks on a white background.

Color Contrast Check

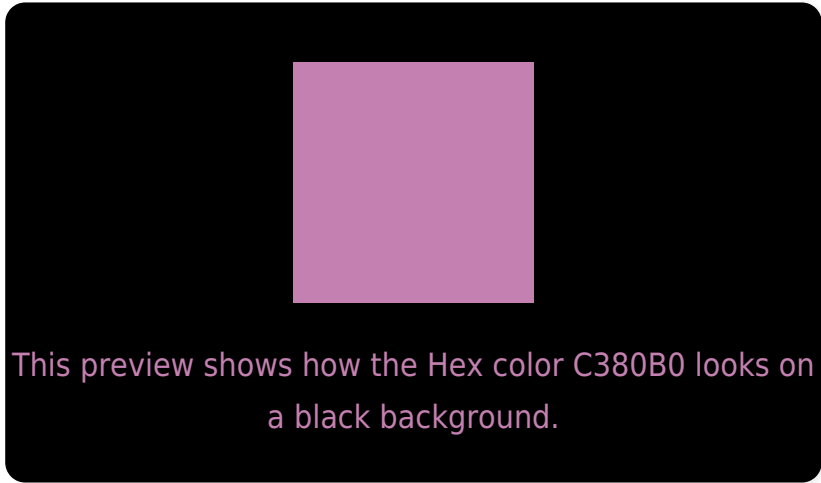
Large Text (above 18pt) WCAG AA × Fail

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

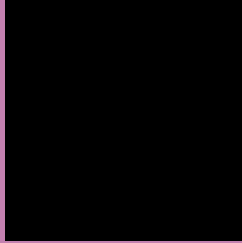
Any Text WCAG AA ✓ Pass

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 C380B0 Background



This preview shows how black text looks on a background with the Hex color C380B0.

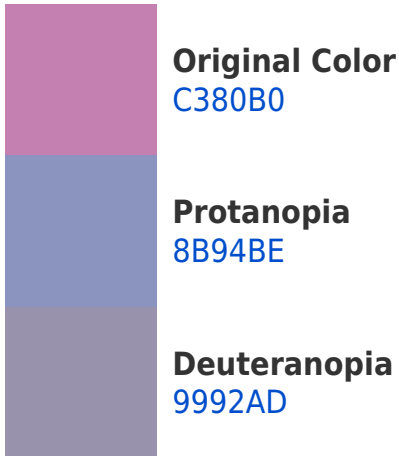


This preview shows how white text looks on a background with the Hex color C380B0.

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](#).

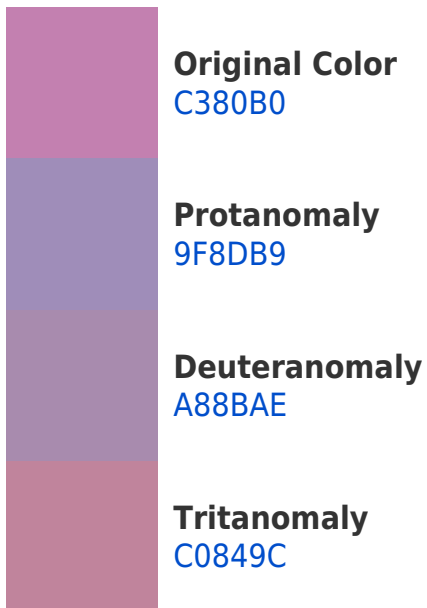
Dichromacy



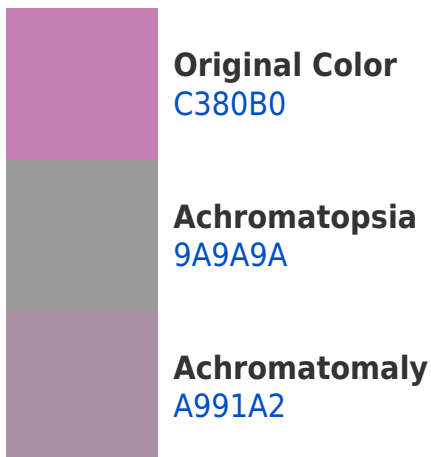


Tritanopia
BF8690

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C380B0 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 #C380B0 looks like.

```
.text, #text, p{  
    color:#C380B0  
}
```

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 #C380B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C380B0
}
```

Border

The CSS property to change the border of an element to Hex C380B0 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
#C380B0 }
```

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

```
.border{ border-color:#C380B0 }
```

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

Here you see how a box with a 4 pixel #C380B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C380B0; -webkit-box-shadow:4px 4px  
4px 4px #C380B0; box-shadow:4px 4px 4px  
4px #C380B0 }
```

Background

The CSS property to change the background color of an element to Hex C380B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C380B0 }
```

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

```
.background{ background-color:#C380B0 }
```

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