

Converting Colors

Hex(B977C5)

Have a look what the booklet for
Hex(B977C5) contains.

| | |
|--|----|
| Hex(B977C5) | 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(B977C5)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | B977C5 |
| RGB | 185, 119, 197 |
| RGB Percent | 73%, 47%, 77% |
| CMY | 0.2745, 0.5333, 0.2275 |
| CMYK | 0.06, 0.40, 0.00, 0.23 |
| HSL | 291°, 40%, 62% |
| HSV | 291°, 40%, 77% |
| XYZ | 36.6825, 27.5392, 56.2055 |
| YIQ | 147.6260, 14.2980, 38.2500 |

Conversions

Conversions Part 2

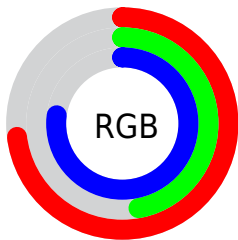
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 185, 119, 197 |
| Decimal | 12154821 |
| CIELab | 59.47, 38.73, -30.32 |
| CIELCh | 59, 49.186, 321.950 |
| Yxy | 27.5392, 0.3046, 0.2287 |
| Android (android.graphics.Color) | 4290344901 (0xFFB977C5) |
| YUV | 147.6260, 24.3414, 32.7770 |
| Hunter-Lab | 52.4778, 32.9371, -26.7672 |

Details

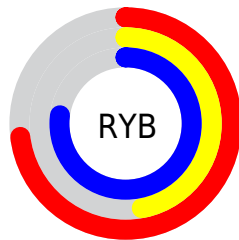
The Hex color **B977C5** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **83C577**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **F2ACFE**, and **82448F** is the 20% darker color. If you saturate the color by 10%, you get **B663C5**, and if you desaturate by 10%, it is **BC8BC5**.

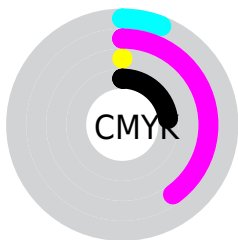
Distribution



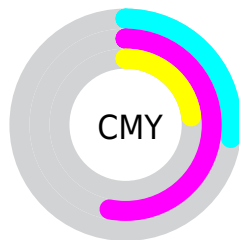
- Red (73%)
- Green (47%)
- Blue (77%)



- Red (73%)
- Yellow (47%)
- Blue (77%)



- Cyan (6%)
- Magenta (40%)
- Yellow (0%)
- Black (23%)



- Cyan (27%)
- Magenta (53%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color B977C5 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 B977C5 by changing the saturation by 10% instead.

 B977C5

 B977C5

FFFFFF

 9D5DAA

 F2ACFE

 82448F

 FFC8FF

 682C75

 FFE5FF

 4F125C

 360044

 22002E

 000118

 000000

 B977C5

 B977C5

 B663C5

 BC8BC5

 B350C5

 BF9EC5

 B03CC5

 C2B2C5

 AD28C5

 C5C6C5

 AA14C5

 C8DAC5

 A701C5

 CBEDC5

 A700C5

 CEFFC5

 D1FFC5

 D4FFC5

Harmonies

Analogous

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



7E88E0



B977C5



D96B9D

Triad

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



B977C5



B28936



00A5AE

Complementary

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



B977C5



83C577

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.



00A482



B977C5



88963A

Square

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



B977C5



D0794C



549F58



00A1D2

Rectangle

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



B977C5



E06A80



549F58



00A5A0

Sweetspot

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



B977C5



FAE0FF



7784C5



7D6E80



000000



808080

Same Dimension

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



B977C5



EC85FF



C577AB



625A63



8A00A3



1E0024

Inverse Universe

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



C57783



FF8597



77C591



635A5B



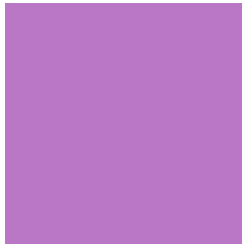
A30019



240005

Previews

White Background



This preview shows how the Hex color B977C5 looks on a white background.

Color Contrast Check

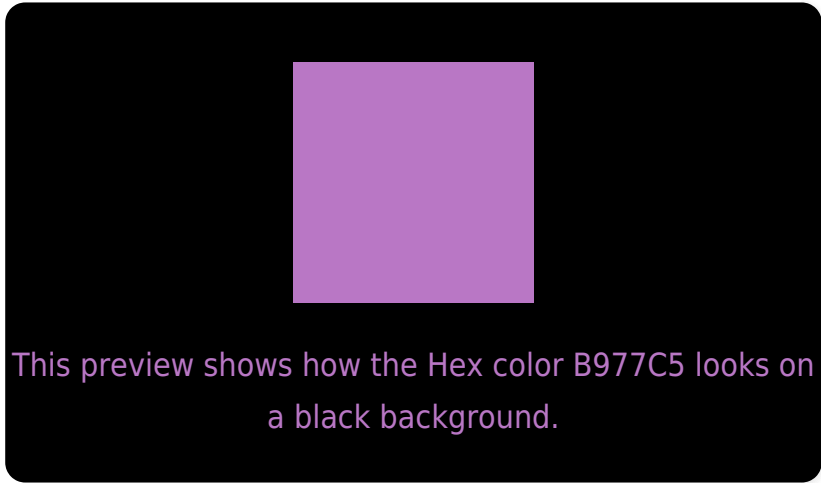
Large Text (above 18pt) WCAG AA ✓ Pass

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

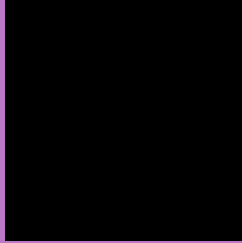
Any Text WCAG AA ✓ Pass

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 B977C5 Background



This preview shows how black text looks on a background with the Hex color B977C5.

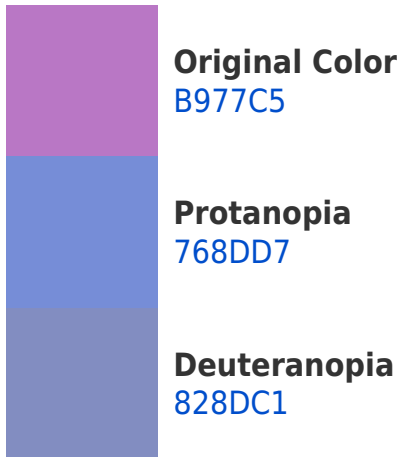



This preview shows how white text looks on a background with the Hex color B977C5.

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
B1838D

Trichromacy



Original Color
B977C5



Protanomaly
8E85D0



Deuteranomaly
9685C2



Tritanomaly
B47FA1

Monochromacy



Original Color
B977C5



Achromatopsia
949494



Achromatomaly
A189A6

CSS Examples

Text

The CSS property to change the color of the text to Hex B977C5 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 #B977C5 looks like.

```
.text, #text, p{  
    color:#B977C5  
}
```

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 #B977C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B977C5
}
```

Border

The CSS property to change the border of an element to Hex B977C5 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
#B977C5 }
```

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

```
.border{ border-color:#B977C5 }
```

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

Here you see how a box with a 4 pixel #B977C5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B977C5; -webkit-box-shadow:4px 4px  
4px 4px #B977C5; box-shadow:4px 4px 4px  
4px #B977C5 }
```

Background

The CSS property to change the background color of an element to Hex B977C5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B977C5 }
```

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

```
.background{ background-color:#B977C5 }
```

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