

Converting Colors

Hex(B980D3)

Have a look what the booklet for
Hex(B980D3) contains.

Hex(B980D3)	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(B980D3)

Conversions

Conversions Part 1

Format	Color
Hex	B980D3
RGB	185, 128, 211
RGB Percent	73%, 50%, 83%
CMY	0.2745, 0.4980, 0.1725
CMYK	0.12, 0.39, 0.00, 0.17
HSL	281°, 49%, 66%
HSV	281°, 39%, 83%
XYZ	39.4846, 30.4558, 65.4255
YIQ	154.5050, 7.3290, 37.8970

Conversions

Conversions Part 2

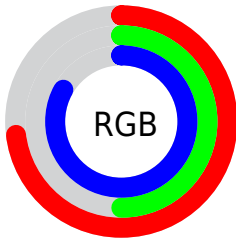
Format	Color
RYB	185, 128, 211
Decimal	12157139
CIELab	62.05, 36.68, -34.21
CIELCh	62, 50.152, 316.994
Yxy	30.4558, 0.2917, 0.2250
Android (android.graphics.Color)	4290347219 (0xFFB980D3)
YUV	154.5050, 27.8520, 26.7441
Hunter-Lab	55.1868, 31.1351, -31.6593

Details

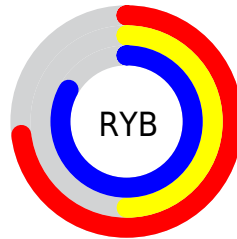
The Hex color **B980D3** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **9AD380**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **F2B6FF**, and **824D9C** is the 20% darker color. If you saturate the color by 10%, you get **B26BD3**, and if you desaturate by 10%, it is **C095D3**.

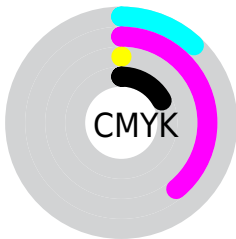
Distribution



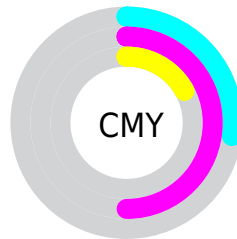
- Red (73%)
- Green (50%)
- Blue (83%)



- Red (73%)
- Yellow (50%)
- Blue (83%)



- Cyan (12%)
- Magenta (39%)
- Yellow (0%)
- Black (17%)



- Cyan (27%)
- Magenta (50%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color B980D3 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 B980D3 by changing the saturation by 10% instead.

 B980D3

 B980D3

FFFFFF

 9D66B7

 F2B6FF

 824D9C

 FFD2FF

 683582

 FFE0FF

 4F1D68

 360350

 200039

 000022

 000008

 000000

 B980D3

 B980D3

 B26BD3

 C095D3

 AC56D3

 C6AAD3

 A541D3


 CDBFD3

 9F2CD3

 D3D4D3

 9817D3

 DAEAD3

 9101D3

 E1FFD3

 9100D3

 E7FFD3

 EEFFD3

 F4FFD3

Harmonies

Analogous

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



7792EB



B980D3



DE72AB

Triad

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



B980D3



C08D3D



00ACAF

Complementary

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



B980D3



9AD380

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.



00AB80



B980D3



979B3C

Square

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



B980D3



DD7C57



64A557



00A9D6

Rectangle

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



B980D3



E86F8D



64A557



00AC9F

Sweetspot

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



B980D3



F5E0FF



809AD3



7A6E80



000000



808080

Same Dimension

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



B980D3



D987FF



D380C4



655E69



7400A8



1C0029

Inverse Universe

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



D3809A



FF87AD



80D38F



695E61



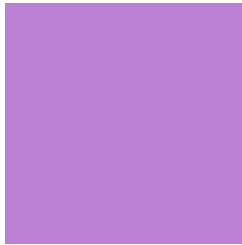
A80035



29000D

Previews

White Background



This preview shows how the Hex color B980D3 looks on a white background.

Color Contrast Check

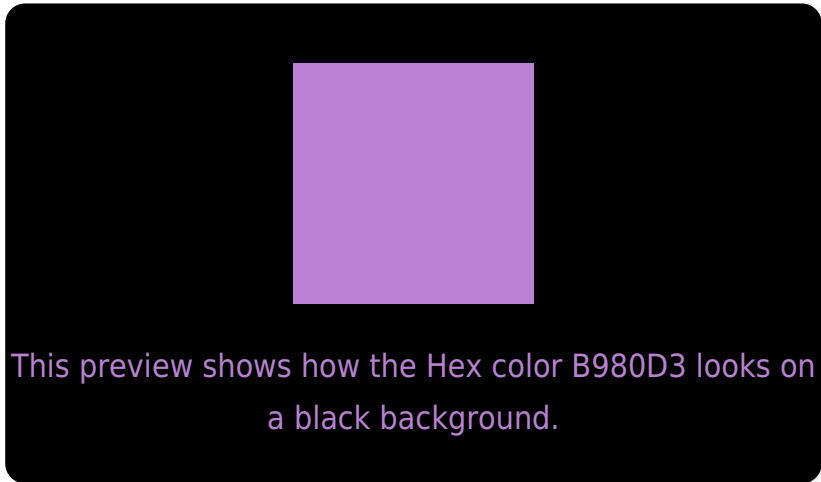
Large Text (above 18pt) WCAG AA × Fail

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 B980D3 Background



This preview shows how black text looks on a background with the Hex color B980D3.

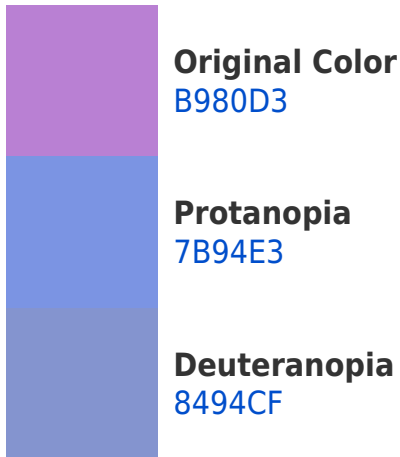



This preview shows how white text looks on a background with the Hex color B980D3.

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
B08D98

Trichromacy



Original Color
B980D3



Protanomaly
928DDD



Deuteranomaly
978DD0



Tritanomaly
B388AD

Monochromacy



Original Color
B980D3



Achromatopsia
9B9B9B



Achromatomaly
A691AF

CSS Examples

Text

The CSS property to change the color of the text to Hex B980D3 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 #B980D3 looks like.

```
.text, #text, p{  
    color:#B980D3  
}
```

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 #B980D3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B980D3
}
```

Border

The CSS property to change the border of an element to Hex B980D3 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
#B980D3 }
```

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

```
.border{ border-color:#B980D3 }
```

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

Here you see how a box with a 4 pixel #B980D3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B980D3; -webkit-box-shadow:4px 4px  
4px 4px #B980D3; box-shadow:4px 4px 4px  
4px #B980D3 }
```

Background

The CSS property to change the background color of an element to Hex B980D3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B980D3 }
```

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

```
.background{ background-color:#B980D3 }
```

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