

Converting Colors

Hex(B778D5)

Have a look what the booklet for
Hex(B778D5) contains.

Hex(B778D5)	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(**B778D5**)

Conversions

Conversions Part 1

Format	Color
Hex	B778D5
RGB	183, 120, 213
RGB Percent	72%, 47%, 84%
CMY	0.2824, 0.5294, 0.1647
CMYK	0.14, 0.44, 0.00, 0.16
HSL	281°, 53%, 65%
HSV	281°, 44%, 84%
XYZ	38.2552, 28.3043, 66.3978
YIQ	149.4390, 7.6950, 42.2790

Conversions

Conversions Part 2

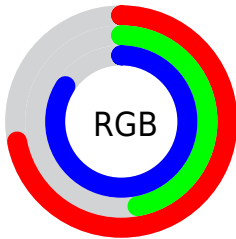
Format	Color
R _Y B	183, 120, 213
Decimal	12024021
CIE Lab	60.16, 40.88, -38.29
CIE LCh	60, 56.007, 316.875
Yxy	28.3043, 0.2877, 0.2129
Android (android.graphics.Color)	4290214101 (0xFFB778D5)
YUV	149.4390, 31.3356, 29.4330
Hunter-Lab	53.2018, 35.2486, -36.7548

Details

The Hex color **B778D5** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **96D578**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **F0AEFF**, and **80459E** is the 20% darker color. If you saturate the color by 10%, you get **B063D5**, and if you desaturate by 10%, it is **BE8DD5**.

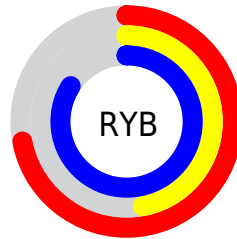
Distribution



Red (72%)

Green (47%)

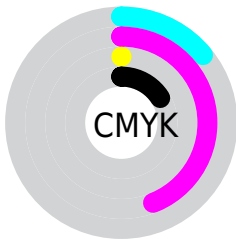
Blue (84%)



Red (72%)

Yellow (47%)

Blue (84%)

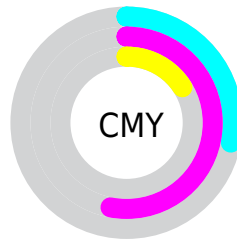


Cyan (14%)

Magenta (44%)

Yellow (0%)

Black (16%)



Cyan (28%)

Magenta (53%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color B778D5 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 B778D5 by changing the saturation by 10% instead.

 B778D5

 B778D5

FFFFFF

 9B5EB9

 F0AEFF

 80459E

 FFC9FF

 662D83

 FFE6FF

 4C136A

 320051

 1F003A

 000223

 00000A

 000000

 B778D5

 B778D5

 B063D5

 BE8DD5

 A94DD5

 C5A3D5

 A238D5

 CCB8D5

 9C23D5

 D2CDD5

 950DD5

 D9E3D5

 9000D5

 E0F8D5

 E7FFD5

 EEFFD5

 F5FFD5

Harmonies

Analogous

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



6A8DF0



B778D5



E067A9

Triad

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



B778D5



BD872B



00A9AC

Complementary

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



B778D5



96D578

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.



00A879



B778D5



91972A

Square

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



B778D5



DE734B



57A24A



00A6D8

Rectangle

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



B778D5



EB6388



57A24A



00A99B

Sweetspot

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



B778D5



F4DEFF



7897D5



796B80



000000



808080

Same Dimension

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



B778D5



D47AFF



D578C5



68606B



7400AB



1D002B

Inverse Universe

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



D57896



FF7AA5



78D588



6B6064



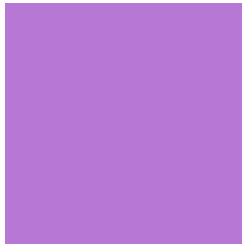
AB0037



2B000E

Previews

White Background



This preview shows how the Hex color B778D5 looks on a white background.

Color Contrast Check

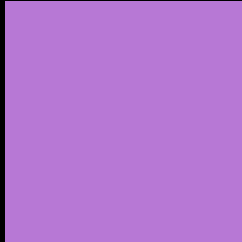
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color B778D5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

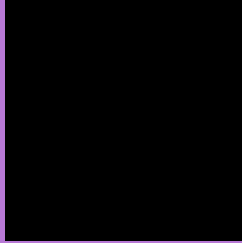
Any Text WCAG AA ✓ Pass

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 B778D5 Background



This preview shows how black text looks on a background with the Hex color B778D5.

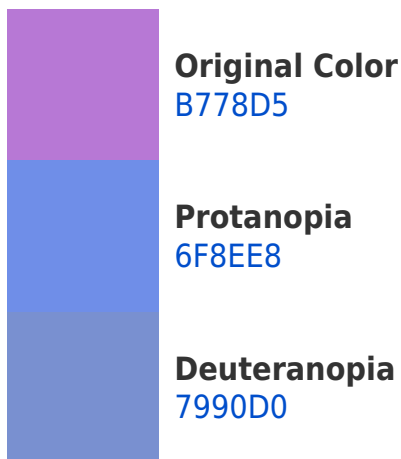


This preview shows how white text looks on a background with the Hex color B778D5.

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](#).

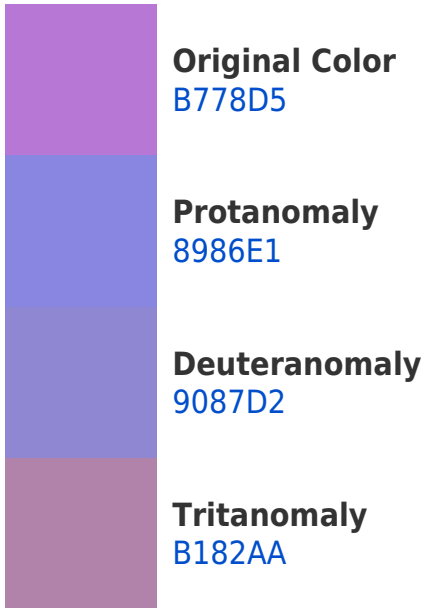
Dichromacy



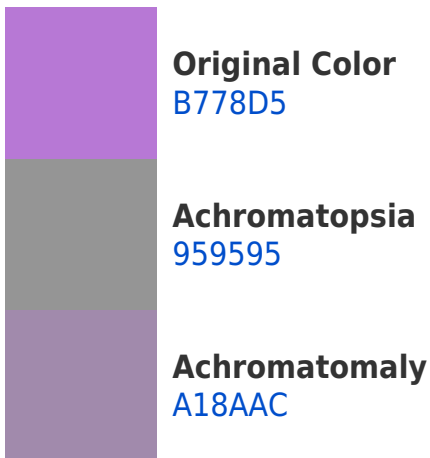


Tritanopia
AD8792

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B778D5 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 #B778D5 looks like.

```
.text, #text, p{  
    color:#B778D5  
}
```

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 #B778D5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B778D5
}
```

Border

The CSS property to change the border of an element to Hex B778D5 is called "border". The border property can be set on classes, ids or directly on the HTML element.

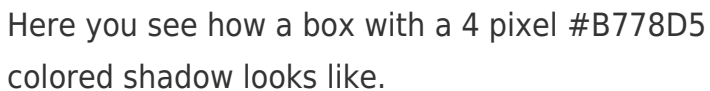
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B778D5 }
```

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

```
.border{ border-color:#B778D5 }
```

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



Here you see how a box with a 4 pixel #B778D5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B778D5; -webkit-box-shadow:4px 4px  
4px 4px #B778D5; box-shadow:4px 4px 4px  
4px #B778D5 }
```

Background

The CSS property to change the background color of an element to Hex B778D5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B778D5 }
```

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

```
.background{ background-color:#B778D5 }
```

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