

Converting Colors

Hex(B48BD5)

Have a look what the booklet for
Hex(B48BD5) contains.

Hex(B48BD5)	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(B48BD5)

Conversions

Conversions Part 1

Format	Color
Hex	B48BD5
RGB	180, 139, 213
RGB Percent	71%, 55%, 84%
CMY	0.2941, 0.4549, 0.1647
CMYK	0.15, 0.35, 0.00, 0.16
HSL	273°, 47%, 69%
HSV	273°, 35%, 84%
XYZ	40.0653, 32.9726, 67.2035
YIQ	159.6950, 0.6820, 31.7060

Conversions

Conversions Part 2

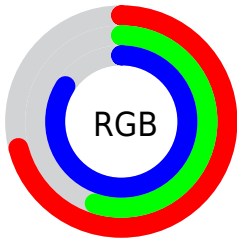
Format	Color
R _Y B	180, 139, 213
Decimal	11832277
CIE Lab	64.14, 29.47, -32.11
CIE LCh	64, 43.588, 312.544
Yxy	32.9726, 0.2857, 0.2351
Android (android.graphics.Color)	4290022357 (0xFFB48BD5)
YUV	159.6950, 26.2794, 17.8075
Hunter-Lab	57.4218, 24.0577, -29.1947

Details

The Hex color **B48BD5** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **ACD58B**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **EDC1FF**, and **7E589E** is the 20% darker color. If you saturate the color by 10%, you get **AB76D5**, and if you desaturate by 10%, it is **BDA0D5**.

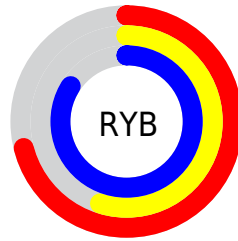
Distribution



Red (71%)

Green (55%)

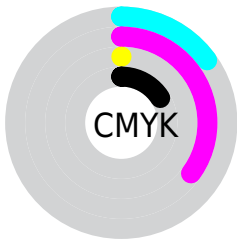
Blue (84%)



Red (71%)

Yellow (55%)

Blue (84%)

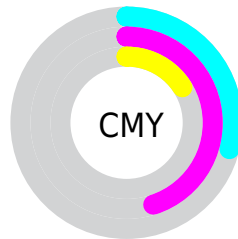


Cyan (15%)

Magenta (35%)

Yellow (0%)

Black (16%)



Cyan (29%)

Magenta (45%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color B48BD5 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 B48BD5 by changing the saturation by 10% instead.

 B48BD5

 B48BD5

FFFFFF

 9971B9

 EDC1FF

 7E589E

 FFDDFF

 644084

 FFFAFF

 4B296A

 321352

 1C003A

 000024

 00000C

 000000

 B48BD5

 B48BD5

 AB76D5

 BDA0D5

 A160D5

 C7B6D5

 984BD5

 D0CBD5

 8E36D5

 DAE0D5

 8521D5

 E3F5D5

 7B0BD5

 EDFFD5

 7600D5

 F6FFD5

 FFFF5D5

Harmonies

Analogous

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



7A9AE7



B48BD5



D87FB4

Triad

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



B48BD5



C69151



00B0AB

Complementary

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



B48BD5



ACD58B

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.



40AE83



B48BD5



A39E4D

Square

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



B48BD5



DE8469



78A860



00ADCF

Rectangle

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



B48BD5



E37B9A



78A860



00AF9E

Sweetspot

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



B48BD5



F4E6FF



8BACD5



797080



000000



808080

Same Dimension

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



B48BD5



CF94FF



D58BD1



66606B



5F00AB



18002B

Inverse Universe

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



D58BAC



FF94C4



8BD58F



6B6065



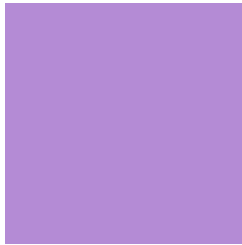
AB004C



2B0013

Previews

White Background



This preview shows how the Hex color B48BD5 looks on a white background.

Color Contrast Check

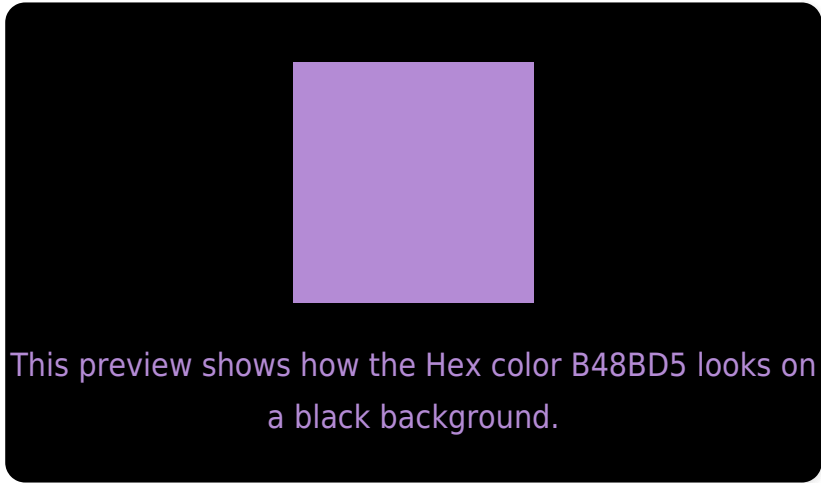
Large Text (above 18pt) WCAG AA × Fail

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 B48BD5 Background



This preview shows how black text looks on a background with the Hex color B48BD5.

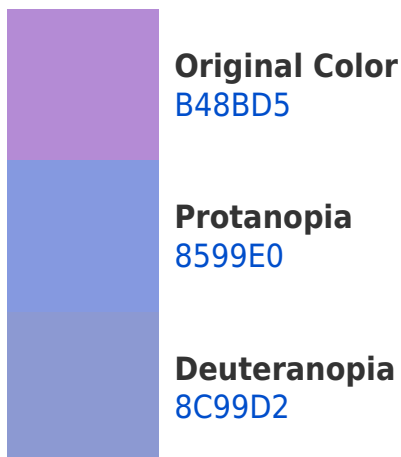


This preview shows how white text looks on a background with the Hex color B48BD5.

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](#).

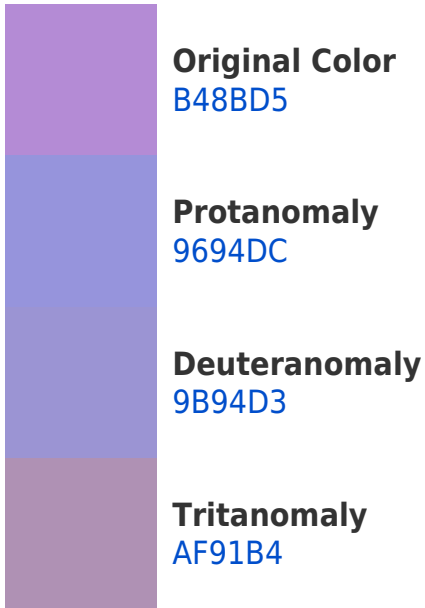
Dichromacy



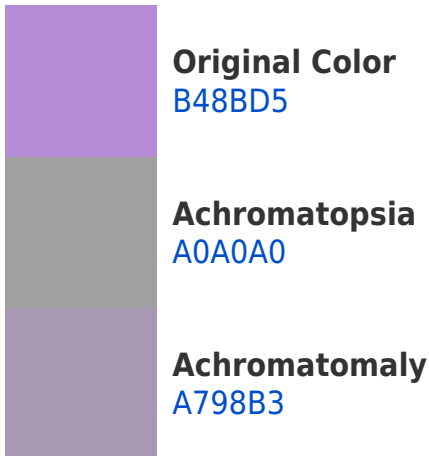


Tritanopia
AC95A1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B48BD5 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 #B48BD5 looks like.

```
.text, #text, p{  
    color:#B48BD5  
}
```

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 #B48BD5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B48BD5
}
```

Border

The CSS property to change the border of an element to Hex B48BD5 is called "border". The border property can be set on classes, ids or directly on the HTML element.

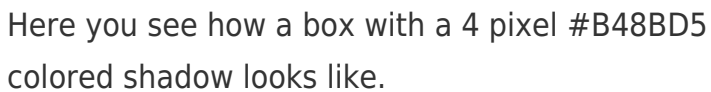
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B48BD5 }
```

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

```
.border{ border-color:#B48BD5 }
```

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



Here you see how a box with a 4 pixel #B48BD5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B48BD5; -webkit-box-shadow:4px 4px  
4px 4px #B48BD5; box-shadow:4px 4px 4px  
4px #B48BD5 }
```

Background

The CSS property to change the background color of an element to Hex B48BD5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B48BD5 }
```

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

```
.background{ background-color:#B48BD5 }
```

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