

Converting Colors

Hex(B480D6)

Have a look what the booklet for
Hex(B480D6) contains.

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Color

Hex(B480D6)

Conversions

Conversions Part 1

Format	Color
Hex	B480D6
RGB	180, 128, 214
RGB Percent	71%, 50%, 84%
CMY	0.2941, 0.4980, 0.1608
CMYK	0.16, 0.40, 0.00, 0.16
HSL	276°, 51%, 67%
HSV	276°, 40%, 84%
XYZ	38.6792, 29.9967, 67.3697
YIQ	153.3520, 3.3860, 37.7700

Conversions

Conversions Part 2

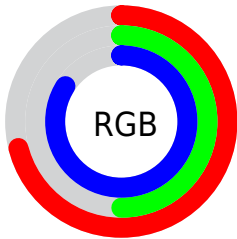
Format	Color
RYB	180, 128, 214
Decimal	11829462
CIELab	61.65, 35.82, -36.54
CIELCh	62, 51.170, 314.428
Yxy	29.9967, 0.2843, 0.2205
Android (android.graphics.Color)	4290019542 (0xFFB480D6)
YUV	153.3520, 29.8995, 23.3703
Hunter-Lab	54.7692, 30.2143, -34.5920

Details

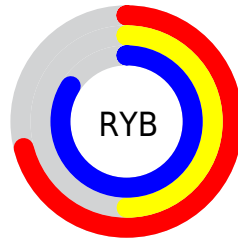
The Hex color **B480D6** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **A2D680**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **EDB6FF**, and **7E4D9F** is the 20% darker color. If you saturate the color by 10%, you get **AC6BD6**, and if you desaturate by 10%, it is **BC95D6**.

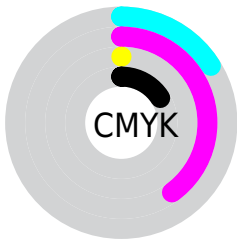
Distribution



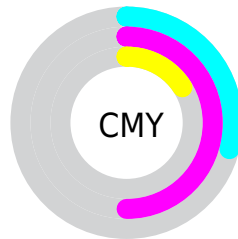
- Red (71%)
- Green (50%)
- Blue (84%)



- Red (71%)
- Yellow (50%)
- Blue (84%)



- Cyan (16%)
- Magenta (40%)
- Yellow (0%)
- Black (16%)



- Cyan (29%)
- Magenta (50%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color B480D6 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 B480D6 by changing the saturation by 10% instead.

 B480D6

 B480D6

FFFFFF

 9866BA

 EDB6FF

 7E4D9F

 FFD2FF

 633584

 FFEEFF

 4A1E6B

 310452

 1C003B

 000224

 00000C

 000000

 B480D6

 B480D6

 AC6BD6

 BC95D6

 A355D6

 C5ABD6

 9B40D6

 CDC0D6

 922AD6

 D6D6D6

 8A15D6

 DEEBD6

 8100D6

 E7FFD6

 E7FFD6

 F8FFD6

 F8FFD6

 F8FFD6

 F8FFD6

 F8FFD6

Harmonies

Analogous

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



6D92ED



B480D6



DC71AE

Triad

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



B480D6



C28A3B



00ABAA

Complementary

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



B480D6



A2D680

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.



00AA7B



B480D6



999938

Square

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



B480D6



DF7957



66A451



00A9D3

Rectangle

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



B480D6



E86D90



66A451



00AB9A

Sweetspot

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



B480D6



F3E0FF



80A2D6



786E80



000000



808080

Same Dimension

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



B480D6



CF85FF



D680CD



67606B



6700AB



1A002B

Inverse Universe

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



D680A2



FF85B5



80D689



6B6065



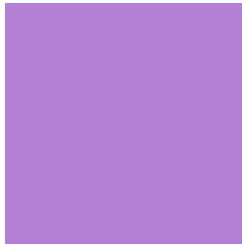
AB0044



2B0011

Previews

White Background



This preview shows how the Hex color B480D6 looks on a white background.

Color Contrast Check

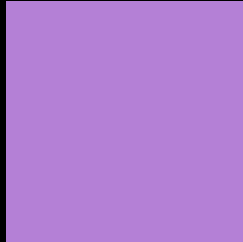
Large Text (above 18pt) WCAG AA ✓ Pass

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 B480D6 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex B480D6 Background



This preview shows how black text looks on a background with the Hex color B480D6.




This preview shows how white text looks on a background with the Hex color B480D6.

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](#).

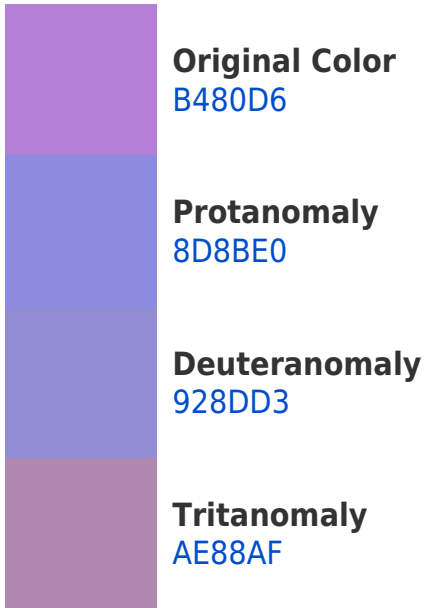
Dichromacy



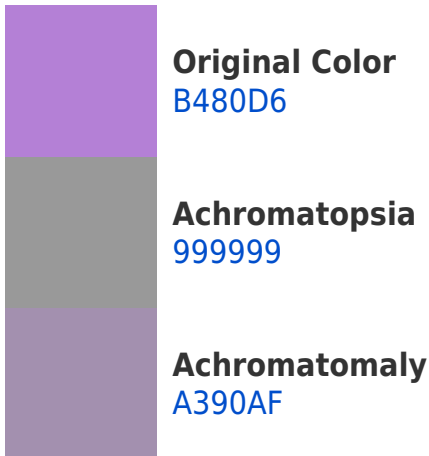


Tritanopia
AA8D98

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B480D6 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 #B480D6 looks like.

```
.text, #text, p{  
    color:#B480D6  
}
```

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 #B480D6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B480D6
}
```

Border

The CSS property to change the border of an element to Hex B480D6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

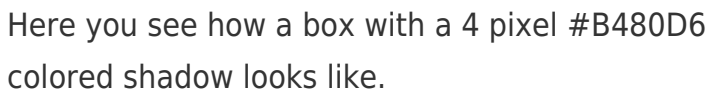
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B480D6 }
```

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

```
.border{ border-color:#B480D6 }
```

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



Here you see how a box with a 4 pixel #B480D6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B480D6; -webkit-box-shadow:4px 4px  
4px 4px #B480D6; box-shadow:4px 4px 4px  
4px #B480D6 }
```

Background

The CSS property to change the background color of an element to Hex B480D6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B480D6 }
```

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

```
.background{ background-color:#B480D6 }
```

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](#).

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