

# Converting Colors

Hex(B490CA)

Have a look what the booklet for  
Hex(B490CA) contains.

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# **Color**

**Hex(B490CA)**

# Conversions

## Conversions Part 1

| Format      | Color                     |
|-------------|---------------------------|
| Hex         | B490CA                    |
| RGB         | 180, 144, 202             |
| RGB Percent | 71%, 56%, 79%             |
| CMY         | 0.2941, 0.4353, 0.2078    |
| CMYK        | 0.11, 0.29, 0.00, 0.21    |
| HSL         | 277°, 35%, 68%            |
| HSV         | 277°, 29%, 79%            |
| XYZ         | 39.4563, 33.9141, 60.3436 |
| YIQ         | 161.3760, 2.8380, 25.6700 |

# Conversions

## Conversions Part 2

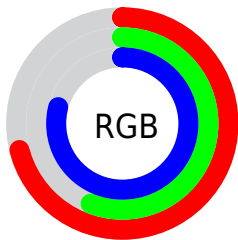
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 180, 144, 202                 |
| Decimal                             | 11833546                      |
| CIE <sub>Lab</sub>                  | 64.89, 24.31, -24.81          |
| CIE <sub>LCh</sub>                  | 65, 34.731, 314.415           |
| Yxy                                 | 33.9141, 0.2951,<br>0.2536    |
| Android<br>(android.graphics.Color) | 4290023626<br>(0xFFB490CA)    |
| YUV                                 | 161.3760, 20.0276,<br>16.3332 |
| Hunter-Lab                          | 58.2358, 19.0259,<br>-20.6709 |

# Details

The Hex color **B490CA** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **A6CA90**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **ECC6FF**, and **7E5D94** is the 20% darker color. If you saturate the color by 10%, you get **AC7CCA**, and if you desaturate by 10%, it is **BCA4CA**.

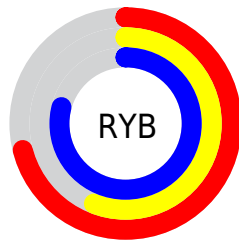
# Distribution



Red (71%)

Green (56%)

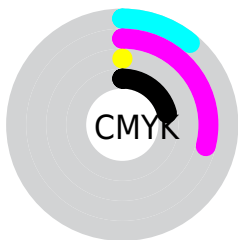
Blue (79%)



Red (71%)

Yellow (56%)

Blue (79%)

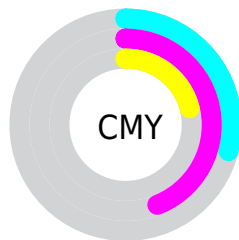


Cyan (11%)

Magenta (29%)

Yellow (0%)

Black (21%)



Cyan (29%)

Magenta (44%)

Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B490CA 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 B490CA by changing the saturation by 10% instead.



 B490CA

 B490CA

FFFFFF

 9976AF

 ECC6FF

 7E5D94

 FFE2FF

 65457A

 4C2E61

 341849

 1E0132

 00001D

 000000

 B490CA

 B490CA

AC7CCA

BCA4CA

A568CA

C3B8CA

9D53CA

CBCDCA

953FCA

D3E1CA

8E2BCA

DAF5CA

8617CA

E2FFCA

7E03CA

EAFFCA

7D00CA

F1FFCA

F9FFCA

# Harmonies

## Analogous

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



899BD9



B490CA



D087AF

# Triad

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



B490CA



C09662



2FAEAC

# Complementary

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



B490CA



A6CA90

# 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.



59AD8C



B490CA



A3A060

# Square

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



B490CA



D48C73



80A870



24ACC8

# Rectangle

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



B490CA



D9859A



80A870



3DAEA1



# Sweetspot

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



B490CA



F6E8FF



90A6CA



7A7180



000000



808080



# Same Dimension

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



B490CA



DEA8FF



CA90C3



625C66



6700A6



180026



# Inverse Universe

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



CA90A6



FFA8C9



90CA97



665C60



A6003F

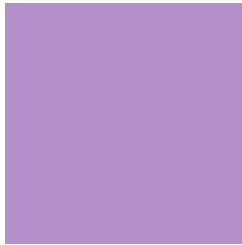


26000F



# Previews

## White Background



This preview shows how the Hex color B490CA looks on a white background.

## Color Contrast Check

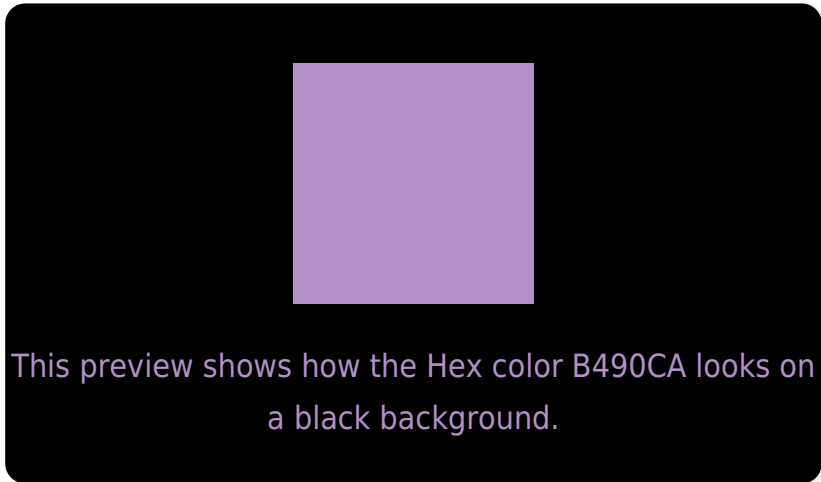
Large Text (above 18pt) WCAG AA × Fail

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

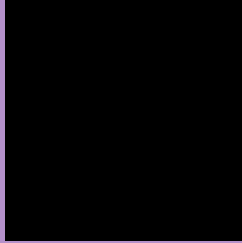
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B490CA Background



This preview shows how black text looks on a background with the Hex color B490CA.

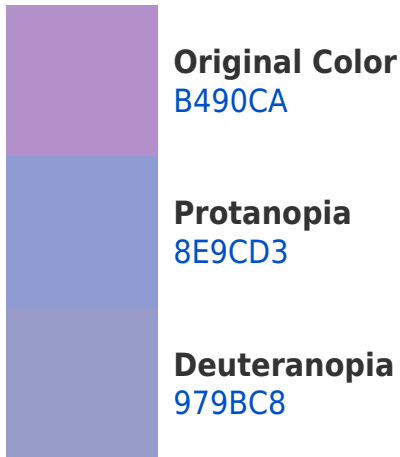


This preview shows how white text looks on a background with the Hex color B490CA.

# 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](#).

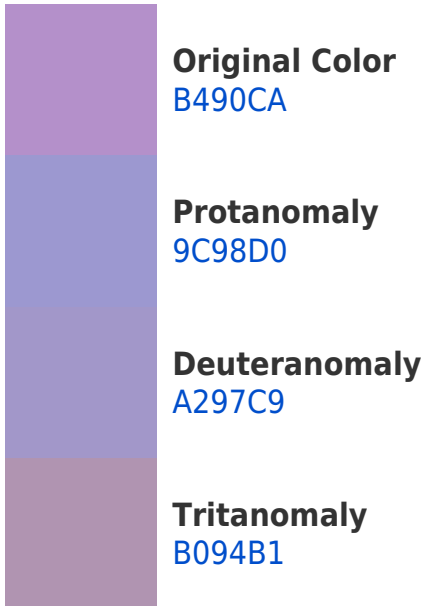
## Dichromacy



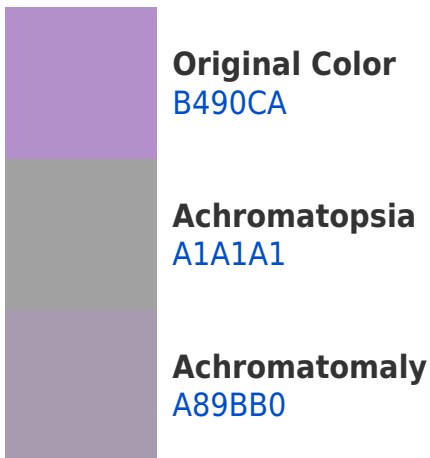


**Tritanopia**  
AE97A3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B490CA 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 #B490CA looks like.

```
.text, #text, p{  
    color:#B490CA  
}
```

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 #B490CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B490CA
}
```

## Border

The CSS property to change the border of an element to Hex B490CA is called "border". The border property can be set on classes, ids or directly on the HTML element.

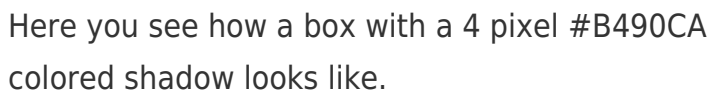
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B490CA }
```

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

```
.border{ border-color:#B490CA }
```

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



Here you see how a box with a 4 pixel #B490CA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B490CA; -webkit-box-shadow:4px 4px  
4px 4px #B490CA; box-shadow:4px 4px 4px  
4px #B490CA }
```

# Background

The CSS property to change the background color of an element to Hex B490CA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B490CA }
```

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

```
.background{ background-color:#B490CA }
```

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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