

# Converting Colors

Hex(B693D2)

Have a look what the booklet for  
Hex(B693D2) contains.

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# **Color**

**Hex(B693D2)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | B693D2                    |
| RGB           | 182, 147, 210             |
| RGB Percent   | 71%, 58%, 82%             |
| CMY           | 0.2863, 0.4235, 0.1765    |
| CMYK          | 0.13, 0.30, 0.00, 0.18    |
| HSL           | 273°, 41%, 70%            |
| HSV           | 273°, 30%, 82%            |
| XYZ           | 41.3580, 35.4657, 65.6385 |
| YIQ           | 164.6470, 0.6370, 27.0130 |

# Conversions

## Conversions Part 2

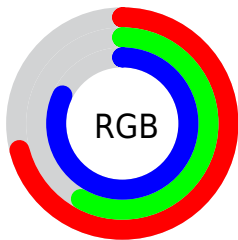
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>RYB</b>                          | 182, 147, 210                 |
| Decimal                             | 11965394                      |
| CIELab                              | 66.11, 24.97, -27.38          |
| CIELCh                              | 66, 37.057, 312.357           |
| Yxy                                 | 35.4657, 0.2903,<br>0.2489    |
| Android<br>(android.graphics.Color) | 4290155474<br>(0xFFB693D2)    |
| YUV                                 | 164.6470, 22.3590,<br>15.2186 |
| Hunter-Lab                          | 59.5531, 19.7456,<br>-23.6614 |

# Details

The Hex color **B693D2** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **AFD293**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **EFC9FF**, and **80609B** is the 20% darker color. If you saturate the color by 10%, you get **AD7ED2**, and if you desaturate by 10%, it is **BFA8D2**.

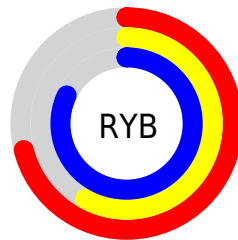
# Distribution



Red (71%)

Green (58%)

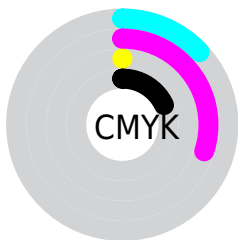
Blue (82%)



Red (71%)

Yellow (58%)

Blue (82%)

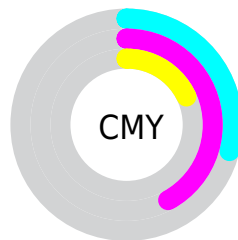


Cyan (13%)

Magenta (30%)

Yellow (0%)

Black (18%)



Cyan (29%)

Magenta (42%)

Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B693D2 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 B693D2 by changing the saturation by 10% instead.



 B693D2

 B693D2

FFFFFF

 9B79B6

 EFC9FF

 80609B

 FFE5FF

 674881

 4E3168

 361B4F


 1F0538

 000022

 000008

 000000

 B693D2

 B693D2

 AD7ED2

 BFA8D2

 A369D2

 C9BDD2

 9A54D2

 D2D2D2

 913FD2

 DBE7D2

 872AD2

 E5FCD2

 7E15D2

 EEFFD2

 7500D2

 F7FFD2

 FFFFD2

# Harmonies

## Analogous

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



879FE1



B693D2



D589B6

# Triad

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



B693D2



C79862



25B2AE

# Complementary

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



B693D2



AFD293

# 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.



5AB18B



B693D2



A9A35F

# Square

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



B693D2



DC8D75



84AC6E



00B0CC

# Rectangle

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



B693D2



DF879F



84AC6E



38B2A2



# Sweetspot

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



B693D2



F5E8FF



93AFD2



797180



000000



808080



# Same Dimension

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



B693D2



D6A3FF



D293CF



645E69



5D00A8



170029



# Inverse Universe

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



D293AF



FFA3CC



93D296



695E63



A8004B

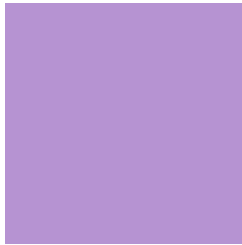


290012



# Previews

## White Background



This preview shows how the Hex color B693D2 looks on a white background.

## Color Contrast Check

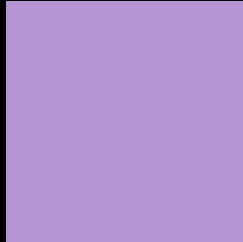
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color B693D2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

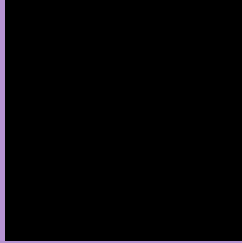
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B693D2 Background



This preview shows how black text looks on a background with the Hex color B693D2.

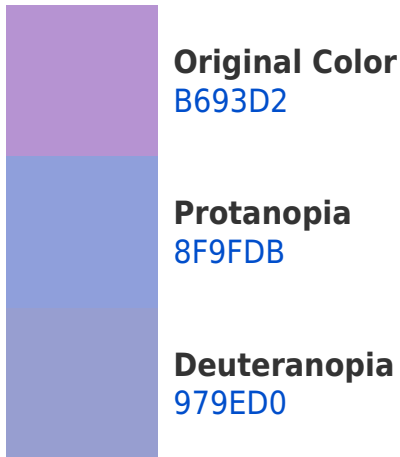


This preview shows how white text looks on a background with the Hex color B693D2.

# 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](#).

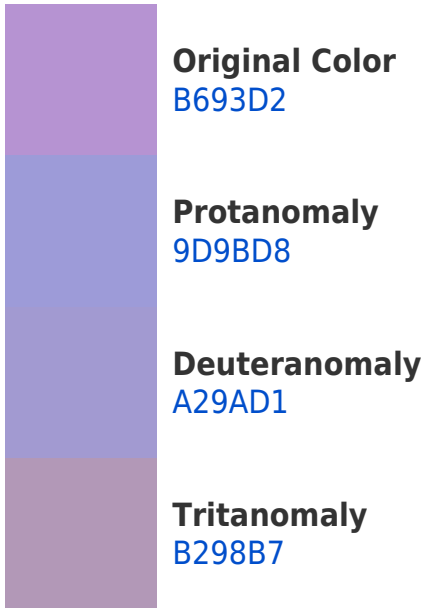
## Dichromacy



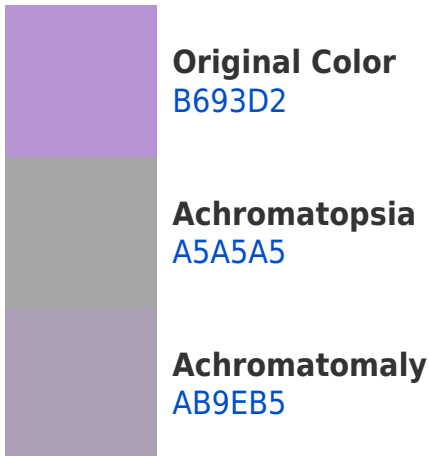


**Tritanopia**  
AF9BA7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B693D2 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 #B693D2 looks like.

```
.text, #text, p{  
    color:#B693D2  
}
```

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 #B693D2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B693D2
}
```

## Border

The CSS property to change the border of an element to Hex B693D2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

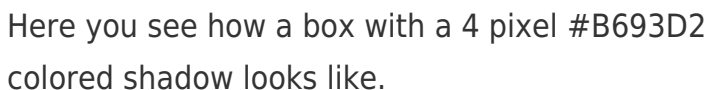
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B693D2 }
```

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

```
.border{ border-color:#B693D2 }
```

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



Here you see how a box with a 4 pixel #B693D2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B693D2; -webkit-box-shadow:4px 4px  
4px 4px #B693D2; box-shadow:4px 4px 4px  
4px #B693D2 }
```

# Background

The CSS property to change the background color of an element to Hex B693D2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B693D2 }
```

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

```
.background{ background-color:#B693D2 }
```

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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