

# Converting Colors

Hex(B694CB)

Have a look what the booklet for  
Hex(B694CB) contains.

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# **Color**

**Hex(B694CB)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B694CB
RGB	182, 148, 203
RGB Percent	71%, 58%, 80%
CMY	0.2863, 0.4196, 0.2039
CMYK	0.10, 0.27, 0.00, 0.20
HSL	277°, 35%, 69%
HSV	277°, 27%, 80%
XYZ	40.6608, 35.4367, 61.1968
YIQ	164.4360, 2.6090, 24.3130

# Conversions

## Conversions Part 2

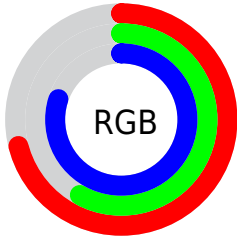
Format	Color
<a href="#">RYB</a>	<a href="#">182, 148, 203</a>
Decimal	<a href="#">11965643</a>
CIELab	<a href="#">66.09, 22.92, -23.52</a>
CIELCh	<a href="#">66, 32.844, 314.260</a>
Yxy	<a href="#">35.4367, 0.2962, 0.2581</a>
Android (android.graphics.Color)	<a href="#">4290155723 (0xFFB694CB)</a>
YUV	<a href="#">164.4360, 19.0121, 15.4036</a>
Hunter-Lab	<a href="#">59.5287, 17.7483, -19.2813</a>

# Details

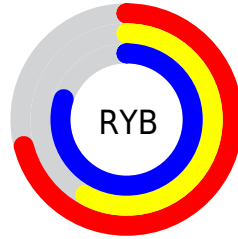
The Hex color **B694CB** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **A9CB94**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **EECAFF**, and **806195** is the 20% darker color. If you saturate the color by 10%, you get **AE80CB**, and if you desaturate by 10%, it is **BEA8CB**.

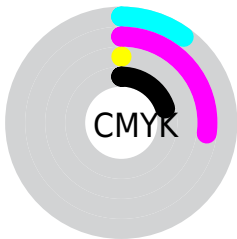
# Distribution



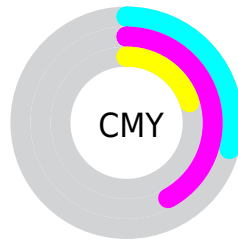
- Red (71%)
- Green (58%)
- Blue (80%)



- Red (71%)
- Yellow (58%)
- Blue (80%)



- Cyan (10%)
- Magenta (27%)
- Yellow (0%)
- Black (20%)



- Cyan (29%)
- Magenta (42%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B694CB 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 B694CB by changing the saturation by 10% instead.



 B694CB

 B694CB

FFFFFF

 9B7AAF

 EECAFF

 806195

 FFE6FF

 67497B

 4E3262

 361C4A

 200633

 00001E

 000000

 B694CB

 B694CB

 AE80CB

 BEA8CB

 A66BCB

 C6BDCB

 9F57CB

 CDD1CB

 9743CB

 D5E5CB

 8F2FCB

 DDFACB

 871ACB

 E5FFCB

 8006CB

 ECFFCB

 7D00CB

 F4FFCB

 FCFFCB

# Harmonies

## Analogous

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



8E9FD9



B694CB



D18CB1

# Triad

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



B694CB



C29968



40B1AE

# Complementary

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



B694CB



A9CB94

# 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.



62B090



B694CB



A7A367

# Square

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



B694CB



D59079



86AB75



39AEC9

# Rectangle

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



B694CB



D98A9D



86AB75



4AB1A4



# Sweetspot

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



B694CB



F7EBFF



94A9CB



7B7380



000000



808080



# Same Dimension

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



B694CB



DFABFF



CB94C5



625C66



6600A6



180026



# Inverse Universe

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



CB94A9



FFABCB



94CB9A



665C60



A6003F

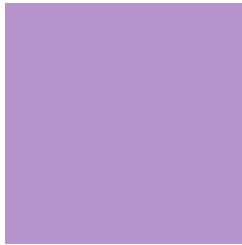


26000F



# Previews

## White Background



This preview shows how the Hex color B694CB looks on a white background.

## Color Contrast Check

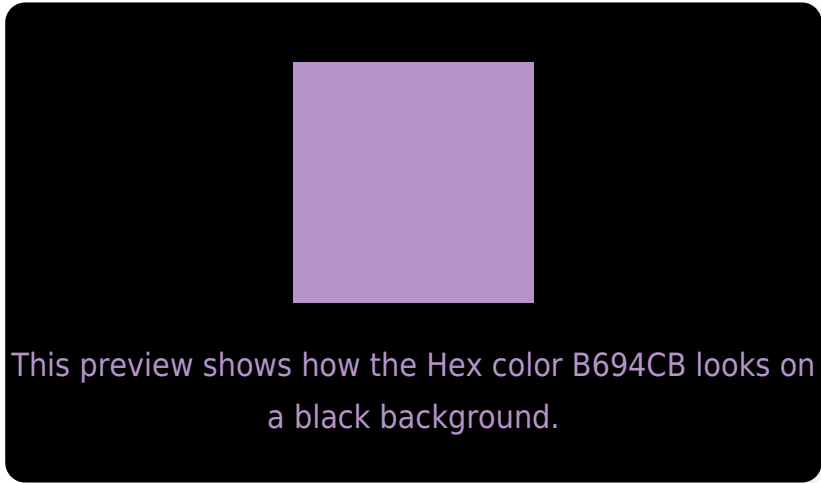
Large Text (above 18pt) WCAG AA × Fail

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

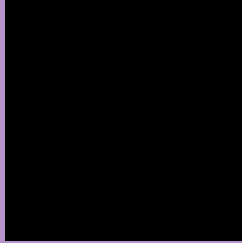
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B694CB Background



This preview shows how black text looks on a background with the Hex color B694CB.

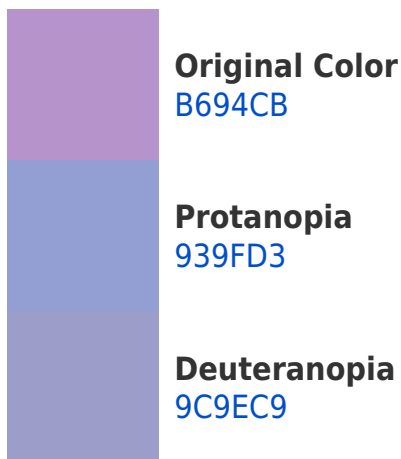


This preview shows how white text looks on a background with the Hex color B694CB.

# 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](#).

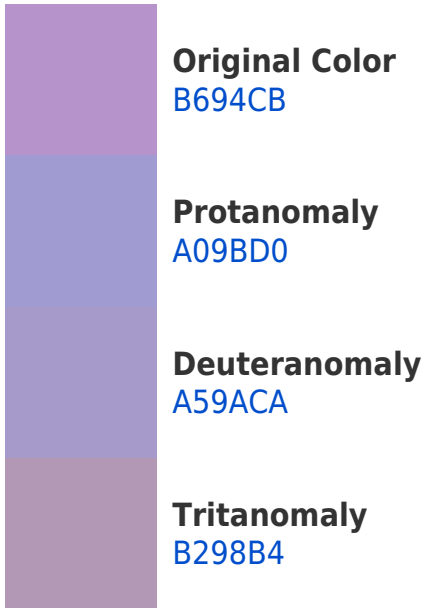
## Dichromacy



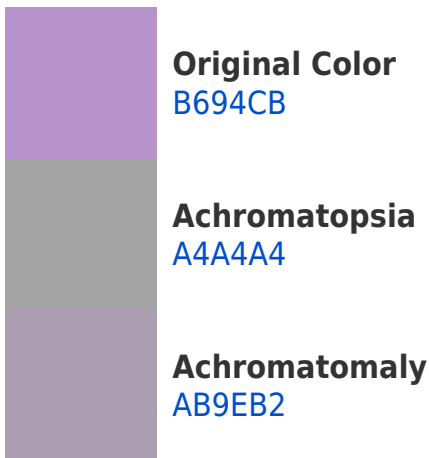


**Tritanopia**  
B09BA7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B694CB 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 #B694CB looks like.

```
.text, #text, p{  
    color:#B694CB  
}
```

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 #B694CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B694CB
}
```

## Border

The CSS property to change the border of an element to Hex B694CB is called "border". The border property can be set on classes, ids or directly on the HTML element.

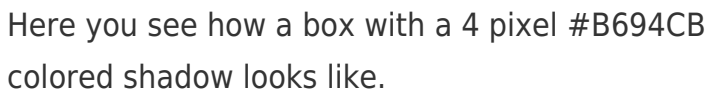
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B694CB }
```

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

```
.border{ border-color:#B694CB }
```

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



Here you see how a box with a 4 pixel #B694CB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B694CB; -webkit-box-shadow:4px 4px  
4px 4px #B694CB; box-shadow:4px 4px 4px  
4px #B694CB }
```

# Background

The CSS property to change the background color of an element to Hex B694CB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B694CB }
```

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

```
.background{ background-color:#B694CB }
```

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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