

# Converting Colors

Hex(B795D6)

Have a look what the booklet for  
Hex(B795D6) contains.

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# **Color**

**Hex(B795D6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B795D6
RGB	183, 149, 214
RGB Percent	72%, 58%, 84%
CMY	0.2824, 0.4157, 0.1608
CMYK	0.14, 0.30, 0.00, 0.16
HSL	271°, 44%, 71%
HSV	271°, 30%, 84%
XYZ	42.4135, 36.4172, 68.4121
YIQ	166.5760, -0.6010, 27.4230

# Conversions

## Conversions Part 2

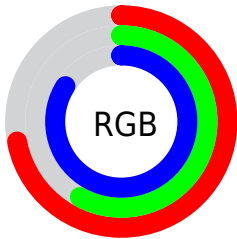
Format	Color
R <sub>Y</sub> B	183, 149, 214
Decimal	12031446
CIE Lab	66.84, 25.03, -28.48
CIE LCh	67, 37.910, 311.310
Yxy	36.4172, 0.2881, 0.2473
Android (android.graphics.Color)	4290221526 (0xFFB795D6)
YUV	166.5760, 23.3800, 14.4038
Hunter-Lab	60.3467, 19.8486, -24.9715

# Details

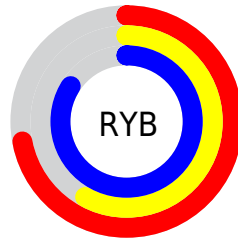
The Hex color **B795D6** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **B4D695**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **F0CBFF**, and **81629F** is the 20% darker color. If you saturate the color by 10%, you get **AD80D6**, and if you desaturate by 10%, it is **C1AAD6**.

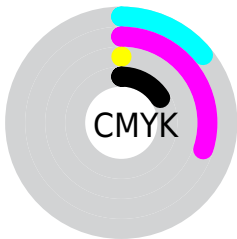
# Distribution



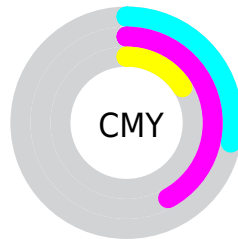
- Red (72%)
- Green (58%)
- Blue (84%)



- Red (72%)
- Yellow (58%)
- Blue (84%)



- Cyan (14%)
- Magenta (30%)
- Yellow (0%)
- Black (16%)



- Cyan (28%)
- Magenta (42%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B795D6 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 B795D6 by changing the saturation by 10% instead.



 B795D6

 B795D6

FFFFFF

 9C7BBA

 F0CBFF

 81629F

 FFE8FF

 674A85

 4E336B

 361D53

 1F073B

 010025

 00010E

 000000

 B795D6

 B795D6

 AD80D6

 C1AAD6

 A36AD6

 CBC0D6

 9855D6

 D6D5D6

 8E3FD6

 E0EBD6

 842AD6

 EAFFD6

 7A15D6

 F4FFD6

 7000D6

 FEFFD6

 FFFFD6

# Harmonies

## Analogous

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



86A2E5



B795D6



D78BB9

# Triad

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



B795D6



CB9962



23B5AF

# Complementary

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



B795D6



B4D695

# 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.



5BB38C



B795D6



ACA55F

# Square

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



B795D6



DF8E77



87AE6E



00B3CF

# Rectangle

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



B795D6



E288A2



87AE6E



38B5A3



# Sweetspot

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



B795D6



F4E8FF



95B4D6



797180



000000



808080



# Same Dimension

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



B795D6



D3A3FF



D695D5



66606B



5900AB



17002B



# Inverse Universe

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



D695B4



FFA3CF



95D696



6B6065



AB0051

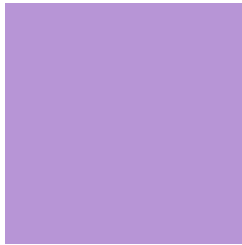


2B0015



# Previews

## White Background



This preview shows how the Hex color B795D6 looks on a white background.

## Color Contrast Check

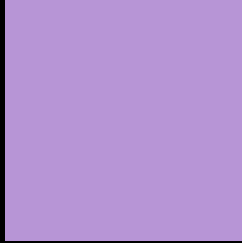
Large Text (above 18pt) WCAG AA × Fail

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 B795D6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

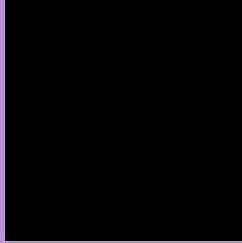
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B795D6 Background



This preview shows how black text looks on a background with the Hex color B795D6.

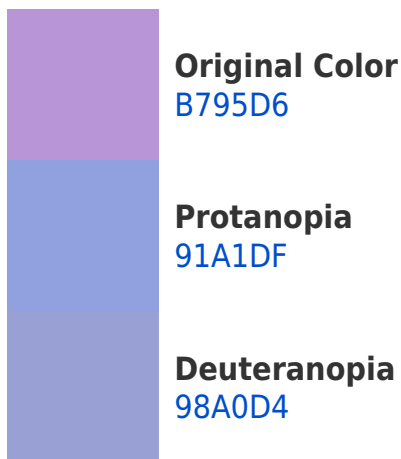


This preview shows how white text looks on a background with the Hex color B795D6.

# 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](#).

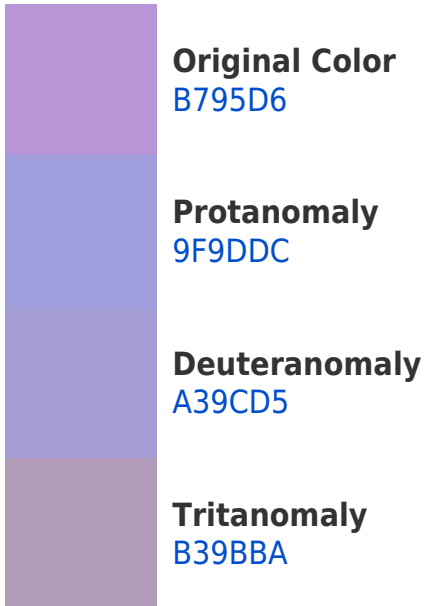
## Dichromacy



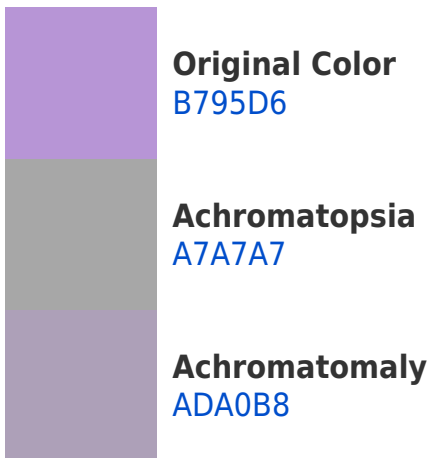


**Tritanopia**  
B09EAA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B795D6 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 #B795D6 looks like.

```
.text, #text, p{  
    color:#B795D6  
}
```

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 #B795D6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B795D6
}
```

## Border

The CSS property to change the border of an element to Hex B795D6 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
#B795D6 }
```

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

```
.border{ border-color:#B795D6 }
```

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

Here you see how a box with a 4 pixel #B795D6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B795D6; -webkit-box-shadow:4px 4px  
4px 4px #B795D6; box-shadow:4px 4px 4px  
4px #B795D6 }
```

# Background

The CSS property to change the background color of an element to Hex B795D6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B795D6 }
```

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

```
.background{ background-color:#B795D6 }
```

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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