

# Converting Colors

Hex(B789D6)

Have a look what the booklet for  
Hex(B789D6) contains.

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**Color**

**Hex(B789D6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B789D6
RGB	183, 137, 214
RGB Percent	72%, 54%, 84%
CMY	0.2824, 0.4627, 0.1608
CMYK	0.14, 0.36, 0.00, 0.16
HSL	276°, 48%, 69%
HSV	276°, 36%, 84%
XYZ	40.6117, 32.8136, 67.8115
YIQ	159.5320, 2.6990, 33.6990

# Conversions

## Conversions Part 2

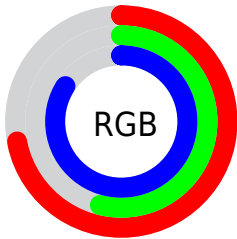
<b>Format</b>	<b>Color</b>
<b>RYB</b>	183, 137, 214
Decimal	12028374
CIELab	64.01, 31.73, -32.85
CIELCh	64, 45.667, 314.004
Yxy	32.8136, 0.2875, 0.2323
Android (android.graphics.Color)	4290218454 (0xFFB789D6)
YUV	159.5320, 26.8527, 20.5814
Hunter-Lab	57.2832, 26.3044, -30.0889

# Details

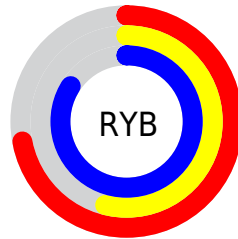
The Hex color **B789D6** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **A8D689**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **F0BFFF**, and **81569F** is the 20% darker color. If you saturate the color by 10%, you get **AE74D6**, and if you desaturate by 10%, it is **C09ED6**.

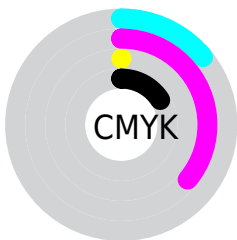
# Distribution



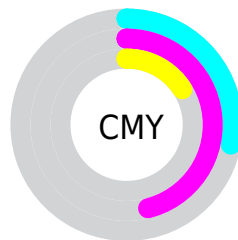
- Red (72%)
- Green (54%)
- Blue (84%)



- Red (72%)
- Yellow (54%)
- Blue (84%)



- Cyan (14%)
- Magenta (36%)
- Yellow (0%)
- Black (16%)



- Cyan (28%)
- Magenta (46%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B789D6 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 B789D6 by changing the saturation by 10% instead.



 B789D6

 B789D6

FFFFFF

 9C6FBA

 F0BFFF

 81569F

 FFDBFF

 673E85

 FFF8FF

 4D276B

 351052

 1E003B

 000025

 00010D

 000000

 B789D6

 B789D6

 AE74D6

 C09ED6

 A65ED6

 C8B4D6

 9D49D6

 D1C9D6

 9533D6

 D9DFD6

 8C1ED6

 E2F4D6

 8309D6

 EBFFD6

 8000D6

 F3FFD6

 FCFFD6

 FFFF D6

# Harmonies

## Analogous

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



7A99EA



B789D6



DB7CB3

# Triad

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



B789D6



C6914C



00B0AD

# Complementary

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



B789D6



A8D689

# 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.



33AE83



B789D6



A19F49

# Square

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



B789D6



E08364



74A95E



00ADD3

# Rectangle

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



B789D6



E77997



74A95E



00B09F



# Sweetspot

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



B789D6



F4E3FF



89A9D6



796F80



000000



808080



# Same Dimension

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



B789D6



D391FF



D689D0



67606B



6600AB



1A002B



# Inverse Universe

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



D689A8



FF91BD



89D68F



6B6065



AB0045



2B0011



# Previews

## White Background



This preview shows how the Hex color B789D6 looks on a white background.

## Color Contrast Check

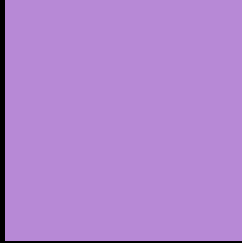
Large Text (above 18pt) WCAG AA × Fail

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 B789D6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

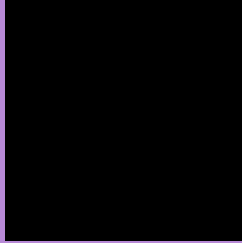
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B789D6 Background



This preview shows how black text looks on a background with the Hex color B789D6.

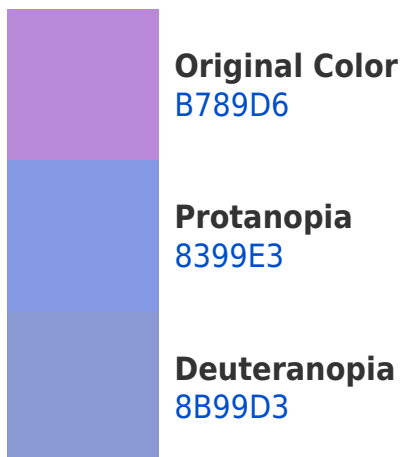


This preview shows how white text looks on a background with the Hex color B789D6.

# 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**  
AE94A0

# Trichromacy



**Original Color**  
B789D6



**Protanomaly**  
9693DE



**Deuteranomaly**  
9B93D4



**Tritanomaly**  
B190B4

# Monochromacy



**Original Color**  
B789D6



**Achromatopsia**  
A0A0A0



**Achromatomaly**  
A898B4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B789D6 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 #B789D6 looks like.

```
.text, #text, p{  
    color:#B789D6  
}
```

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 #B789D6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B789D6
}
```

## Border

The CSS property to change the border of an element to Hex B789D6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

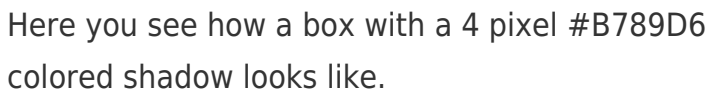
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B789D6 }
```

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

```
.border{ border-color:#B789D6 }
```

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



Here you see how a box with a 4 pixel #B789D6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B789D6; -webkit-box-shadow:4px 4px  
4px 4px #B789D6; box-shadow:4px 4px 4px  
4px #B789D6 }
```

# Background

The CSS property to change the background color of an element to Hex B789D6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B789D6 }
```

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

```
.background{ background-color:#B789D6 }
```

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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