

# Converting Colors

Hex(B881D7)

Have a look what the booklet for  
Hex(B881D7) contains.

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# Color

Hex(**B881D7**)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B881D7
RGB	184, 129, 215
RGB Percent	72%, 51%, 84%
CMY	0.2784, 0.4941, 0.1569
CMYK	0.14, 0.40, 0.00, 0.16
HSL	278°, 52%, 67%
HSV	278°, 40%, 84%
XYZ	39.8832, 30.7972, 68.1324
YIQ	155.2490, 5.1740, 38.4060

# Conversions

## Conversions Part 2

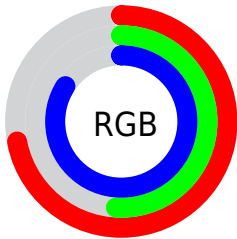
<b>Format</b>	<b>Color</b>
<b>RYB</b>	184, 129, 215
Decimal	12091863
CIELab	62.34, 36.67, -36.00
CIELCh	62, 51.392, 315.529
Yxy	30.7972, 0.2873, 0.2219
Android (android.graphics.Color)	4290281943 (0xFFB881D7)
YUV	155.2490, 29.4572, 25.2146
Hunter-Lab	55.4952, 31.1674, -33.9447

# Details

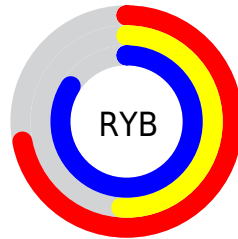
The Hex color **B881D7** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **A0D781**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **F1B7FF**, and **814EA0** is the 20% darker color. If you saturate the color by 10%, you get **B06CD7**, and if you desaturate by 10%, it is **C097D7**.

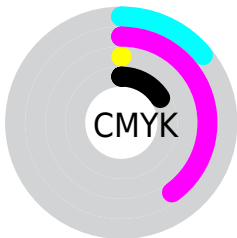
# Distribution



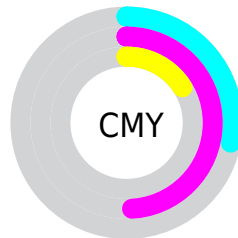
- Red (72%)
- Green (51%)
- Blue (84%)



- Red (72%)
- Yellow (51%)
- Blue (84%)



- Cyan (14%)
- Magenta (40%)
- Yellow (0%)
- Black (16%)



- Cyan (28%)
- Magenta (49%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B881D7 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 B881D7 by changing the saturation by 10% instead.



 B881D7

 B881D7

FFFFFF

 9C67BB

 F1B7FF

 814EA0

 FFD3FF

 673685

 FFEFFF

 4D1E6C

 340453

 1E003C

 000025

 00010D

 000000

 B881D7

 B881D7

 B06CD7

 C097D7

 A956D7


 C8ACD7

 A141D7

 CFC2D7

 992BD7

 D7D7D7

 9115D7

 DFEDD7

 8A00D7

 E7FFD7

 EEFFD7

 F6FFD7

 FEFFD7

# Harmonies

## Analogous

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



7293EF



B881D7



DF72AF

# Triad

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



B881D7



C38C3C



00ADAE

# Complementary

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



B881D7



A0D781

# 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.



00AC7E



B881D7



9A9C3A

# Square

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



B881D7



E07B57



66A654



00AAD7

# Rectangle

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



B881D7



EA6E90



66A654



00AD9E



# Sweetspot

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



B881D7



F4E0FF



81A1D7



796E80



000000



808080



# Same Dimension

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



B881D7



D385FF



D781CC



67606B



6D00AB



1C002B



# Inverse Universe

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



D781A0



FF85B1



81D78C



6B6064



AB003E

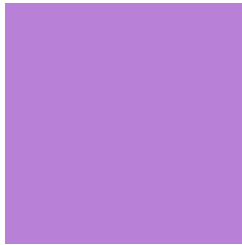


2B0010



# Previews

## White Background



This preview shows how the Hex color B881D7 looks on a white background.

## Color Contrast Check

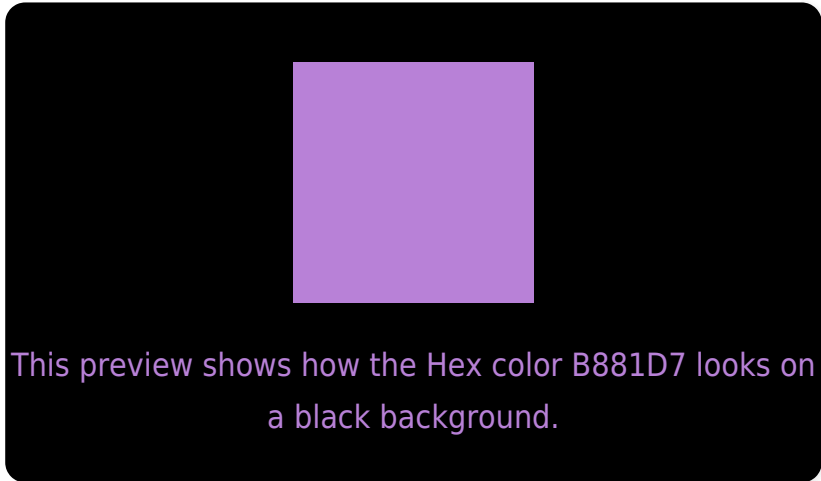
Large Text (above 18pt) WCAG AA × Fail

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

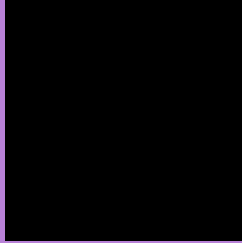
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B881D7 Background



This preview shows how black text looks on a background with the Hex color B881D7.

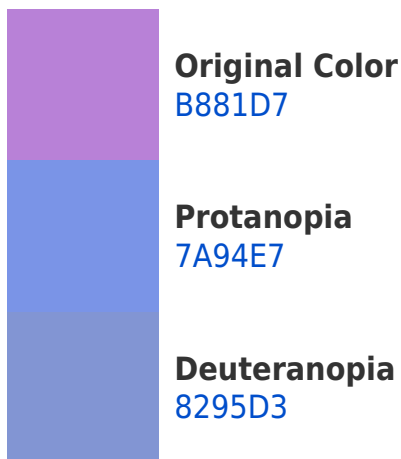


This preview shows how white text looks on a background with the Hex color B881D7.

# 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](#).

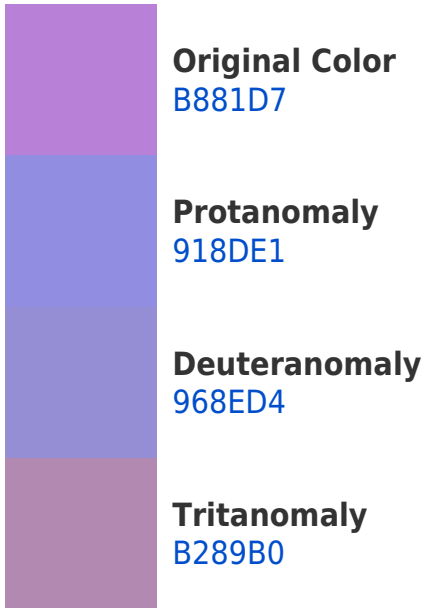
## Dichromacy



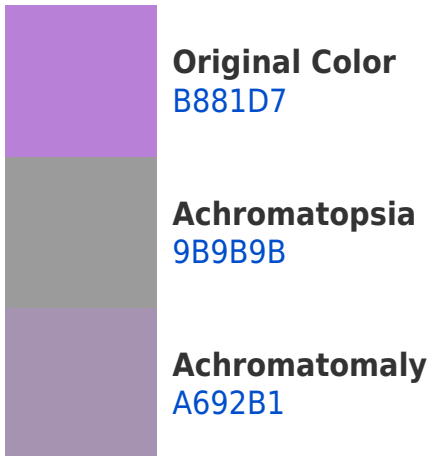


**Tritanopia**  
AE8E99

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B881D7 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 #B881D7 looks like.

```
.text, #text, p{  
    color:#B881D7  
}
```

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 #B881D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B881D7
}
```

## Border

The CSS property to change the border of an element to Hex B881D7 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
#B881D7 }
```

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

```
.border{ border-color:#B881D7 }
```

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

Here you see how a box with a 4 pixel #B881D7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B881D7; -webkit-box-shadow:4px 4px  
4px 4px #B881D7; box-shadow:4px 4px 4px  
4px #B881D7 }
```

# Background

The CSS property to change the background color of an element to Hex B881D7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B881D7 }
```

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

```
.background{ background-color:#B881D7 }
```

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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