

# Converting Colors

Hex(B184C4)

Have a look what the booklet for  
Hex(B184C4) contains.

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# **Color**

**Hex(B184C4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B184C4
RGB	177, 132, 196
RGB Percent	69%, 52%, 77%
CMY	0.3059, 0.4824, 0.2314
CMYK	0.10, 0.33, 0.00, 0.23
HSL	282°, 35%, 64%
HSV	282°, 33%, 77%
XYZ	36.3465, 29.8352, 56.0676
YIQ	152.7510, 6.2760, 29.4440

# Conversions

## Conversions Part 2

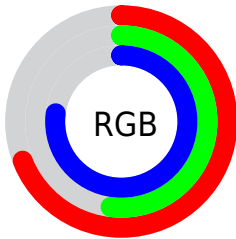
<b>Format</b>	<b>Color</b>
<b>RYB</b>	177, 132, 196
Decimal	11633860
CIELab	61.51, 28.82, -26.66
CIELCh	62, 39.262, 317.223
Yxy	29.8352, 0.2973, 0.2441
Android (android.graphics.Color)	4289823940 (0xFFB184C4)
YUV	152.7510, 21.3218, 21.2664
Hunter-Lab	54.6216, 23.1905, -22.6246

# Details

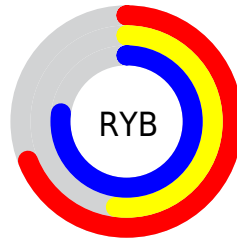
The Hex color **B184C4** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **97C484**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **E9BAFD**, and **7B528E** is the 20% darker color. If you saturate the color by 10%, you get **AB70C4**, and if you desaturate by 10%, it is **B798C4**.

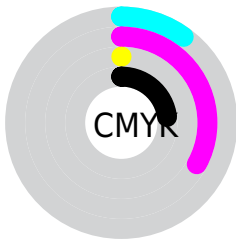
# Distribution



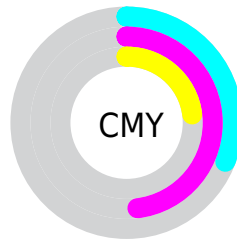
- Red (69%)
- Green (52%)
- Blue (77%)



- Red (69%)
- Yellow (52%)
- Blue (77%)



- Cyan (10%)
- Magenta (33%)
- Yellow (0%)
- Black (23%)




- Cyan (31%)
- Magenta (48%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B184C4 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 B184C4 by changing the saturation by 10% instead.



 B184C4

 B184C4

FFFFFF

 966AA9

 E9BAFD

 7B528E

 FFD5FF

 623A74

 FFF2FF

 49235B

 310C44

 1E002D

 000118

 000000

 B184C4

 B184C4

 AB70C4

 B798C4

 A55DC4

 BDABC4

 A049C4

 C2BFC4

 9A36C4

 C8D2C4

 9422C4

 CEE6C4

 8E0EC4

 D4FAC4

 8A00C4

 DAFFC4

 E0FFC4

 E5FFC4

# Harmonies

## Analogous

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



8191D7



B184C4



CE7AA5

# Triad

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



B184C4



B78D50



00A7A8

# Complementary

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



B184C4



97C484

# 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.



3DA684



B184C4



979950

# Square

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



B184C4



CE8163



6FA164



00A4C7

# Rectangle

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



B184C4



D6788D



6FA164



00A79C



# Sweetspot

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



B184C4



F7E6FF



8497C4



7B7080



000000



808080



# Same Dimension

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



B184C4



E19CFF



C484B7



5E5761



7100A1



170021



# Inverse Universe

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



C48497



FF9CB9



84C491



61575A



A10030

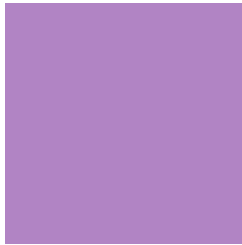


21000A



# Previews

## White Background



This preview shows how the Hex color B184C4 looks on a white background.

## Color Contrast Check

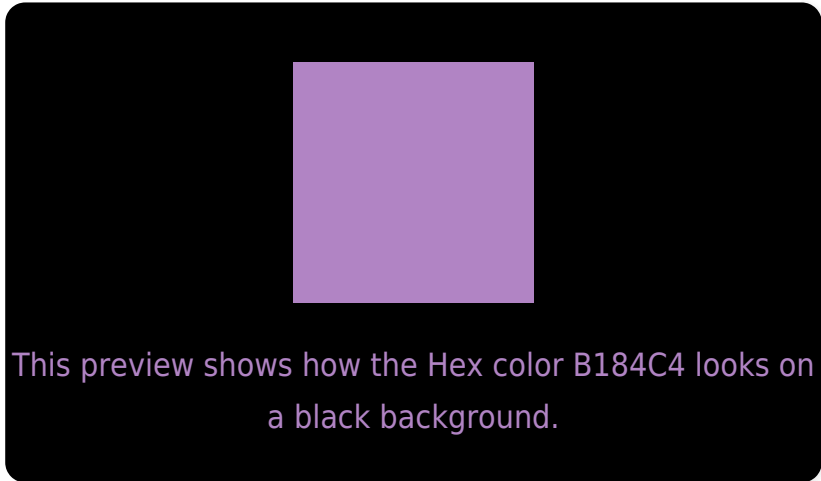
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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



## Hex B184C4 Background



This preview shows how black text looks on a background with the Hex color B184C4.

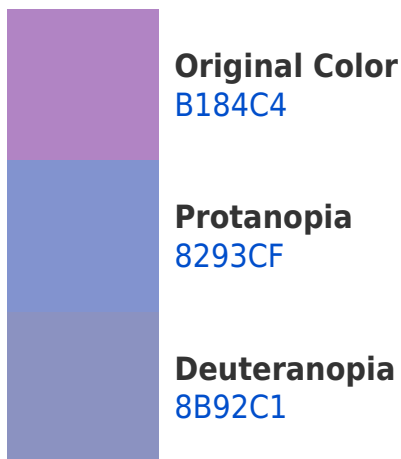



This preview shows how white text looks on a background with the Hex color B184C4.

# 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](#).

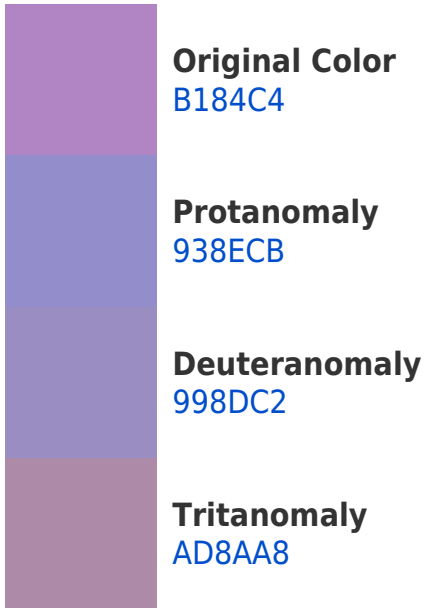
## Dichromacy



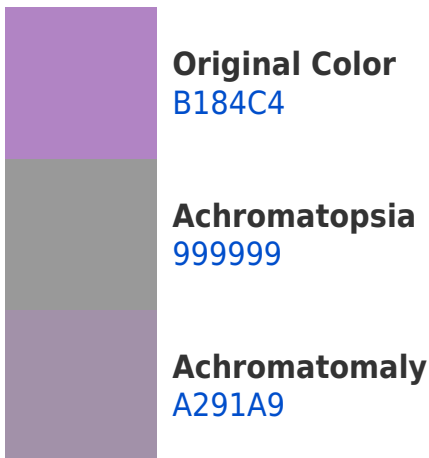


**Tritanopia**  
AA8D98

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B184C4 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 #B184C4 looks like.

```
.text, #text, p{  
    color:#B184C4  
}
```

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 #B184C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B184C4
}
```

## Border

The CSS property to change the border of an element to Hex B184C4 is called "border". The border property can be set on classes, ids or directly on the HTML element.

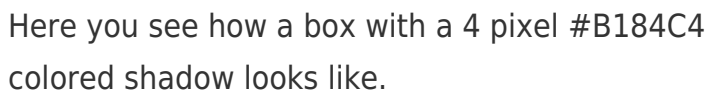
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B184C4 }
```

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

```
.border{ border-color:#B184C4 }
```

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



Here you see how a box with a 4 pixel #B184C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B184C4; -webkit-box-shadow:4px 4px  
4px 4px #B184C4; box-shadow:4px 4px 4px  
4px #B184C4 }
```

# Background

The CSS property to change the background color of an element to Hex B184C4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B184C4 }
```

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

```
.background{ background-color:#B184C4 }
```

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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