

# Converting Colors

Hex(B197B8)

Have a look what the booklet for  
Hex(B197B8) contains.

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# **Color**

**Hex(B197B8)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B197B8
RGB	177, 151, 184
RGB Percent	69%, 59%, 72%
CMY	0.3059, 0.4078, 0.2784
CMYK	0.04, 0.18, 0.00, 0.28
HSL	287°, 19%, 66%
HSV	287°, 18%, 72%
XYZ	37.8498, 34.9410, 50.0968
YIQ	162.5360, 4.9030, 15.7750

# Conversions

## Conversions Part 2

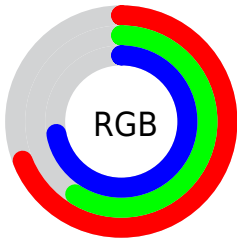
Format	Color
<a href="#">RYB</a>	<a href="#">177, 151, 184</a>
Decimal	<a href="#">11638712</a>
CIELab	<a href="#">65.70, 15.69, -13.53</a>
CIELCh	<a href="#">66, 20.720, 319.221</a>
Yxy	<a href="#">34.9410, 0.3080, 0.2843</a>
Android (android.graphics.Color)	<a href="#">4289828792 (0xFFB197B8)</a>
YUV	<a href="#">162.5360, 10.5818, 12.6849</a>
Hunter-Lab	<a href="#">59.1109, 10.8527, -8.8709</a>

# Details

The Hex color **B197B8** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **9EB897**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **E9CDF0**, and **7C6483** is the 20% darker color. If you saturate the color by 10%, you get **AD85B8**, and if you desaturate by 10%, it is **B5A9B8**.

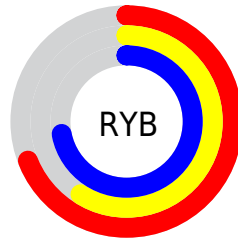
# Distribution



Red (69%)

Green (59%)

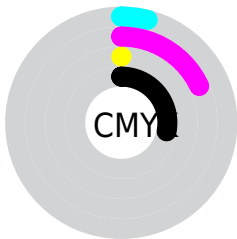
Blue (72%)



Red (69%)

Yellow (59%)

Blue (72%)

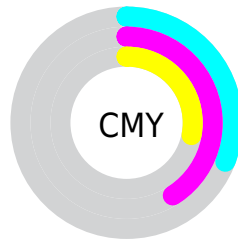


Cyan (4%)

Magenta (18%)

Yellow (0%)

Black (28%)



Cyan (31%)

Magenta (41%)

Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B197B8 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 B197B8 by changing the saturation by 10% instead.



 B197B8

 B197B8

FFFFFF

 967D9D

 E9CDF0

 7C6483

 FFEAFF

 634C6A

 4B3552

 341F3A

 1F0A25

 00010E

 000000

 B197B8

 B197B8

 AD85B8

 B5A9B8

 A972B8

 B9BCB8

 A560B8

 BDCEB8

 A14DB8

 C1E1B8

 9D3BB8

 C5F3B8

 9A29B8

 C8FFB8

 9616B8

 CCFFB8

 9204B8

 D0FFB8

 9100B8

 D4FFB8

# Harmonies

## Analogous

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



9A9DC2



B197B8



C193A7

# Triad

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



B197B8



B49C7B



6CAAAB

# Complementary

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



B197B8



9EB897

# 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.



78AA98



B197B8



A1A27C

# Square

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



B197B8



C19684



8CA787



6FA8BB

# Rectangle

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



B197B8



C5929A



8CA787



6FAAA5



# Sweetspot

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



B197B8



EDE4F0



979EB8



767178



F7F7F7



787878



# Same Dimension

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



B197B8



E5BBF0



B897AF



5A535C



7B009C



16001C



# Inverse Universe

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



B8979E



F0BBC6



97B8A0



5C5355



9C0021

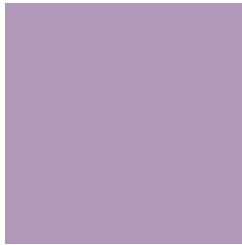


1C0006



# Previews

## White Background



This preview shows how the Hex color B197B8 looks on a white background.

## Color Contrast Check

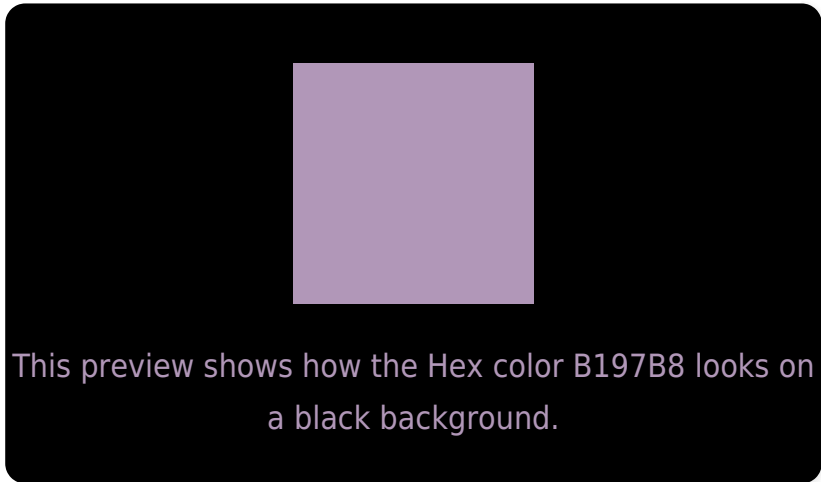
Large Text (above 18pt) WCAG AA × Fail

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

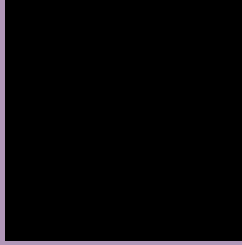
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B197B8 Background



This preview shows how black text looks on a background with the Hex color B197B8.



This preview shows how white text looks on a background with the Hex color B197B8.

# 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



**Original Color**  
B197B8

**Protanopia**  
9A9EBD

**Deuteranopia**  
A49CB7



**Tritanopia**  
AE9AA6

# Trichromacy



**Original Color**  
B197B8

**Protanomaly**  
A29BBB

**Deuteranomaly**  
A99AB7

**Tritanomaly**  
AF99AD

# Monochromacy



**Original Color**  
B197B8

**Achromatopsia**  
A3A3A3

**Achromatomaly**  
A89FAB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B197B8 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 #B197B8 looks like.

```
.text, #text, p{  
    color:#B197B8  
}
```

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 #B197B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B197B8
}
```

## Border

The CSS property to change the border of an element to Hex B197B8 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
#B197B8 }
```

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

```
.border{ border-color:#B197B8 }
```

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

Here you see how a box with a 4 pixel #B197B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B197B8; -webkit-box-shadow:4px 4px  
4px 4px #B197B8; box-shadow:4px 4px 4px  
4px #B197B8 }
```

# Background

The CSS property to change the background color of an element to Hex B197B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B197B8 }
```

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

```
.background{ background-color:#B197B8 }
```

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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