

Converting Colors

Hex(B199B5)

Have a look what the booklet for
Hex(B199B5) contains.

Hex(B199B5)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B199B5)

Conversions

Conversions Part 1

Format	Color
Hex	B199B5
RGB	177, 153, 181
RGB Percent	69%, 60%, 71%
CMY	0.3059, 0.4000, 0.2902
CMYK	0.02, 0.15, 0.00, 0.29
HSL	291°, 16%, 65%
HSV	291°, 15%, 71%
XYZ	37.8632, 35.4658, 48.5660
YIQ	163.3680, 5.3160, 13.7960

Conversions

Conversions Part 2

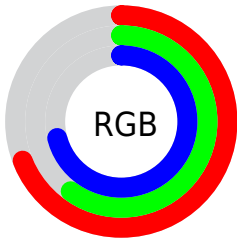
Format	Color
RYB	177, 153, 181
Decimal	11639221
CIELab	66.11, 13.98, -11.24
CIElCh	66, 17.939, 321.192
Yxy	35.4658, 0.3106, 0.2910
Android (android.graphics.Color)	4289829301 (0xFFB199B5)
YUV	163.3680, 8.6926, 11.9553
Hunter-Lab	59.5531, 9.2702, -6.6642

Details

The Hex color **B199B5** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **9DB599**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **E9CFED**, and **7C6680** is the 20% darker color. If you saturate the color by 10%, you get **AE87B5**, and if you desaturate by 10%, it is **B4ABB5**.

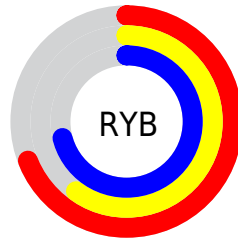
Distribution



Red (69%)

Green (60%)

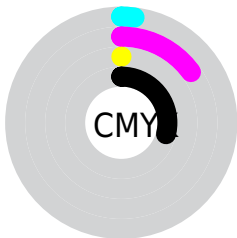
Blue (71%)



Red (69%)

Yellow (60%)

Blue (71%)

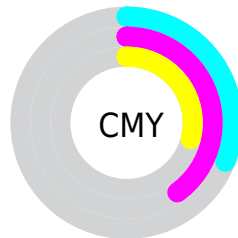


Cyan (2%)

Magenta (15%)

Yellow (0%)

Black (29%)



Cyan (31%)

Magenta (40%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color B199B5 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 B199B5 by changing the saturation by 10% instead.

 B199B5

 B199B5

FFFFFF

 967F9A

 E9CFED

 7C6680

 FFECFF

 634E67

 4B374F

 342138

 1F0C23

 00000B

 000000

 B199B5

 B199B5

 AE87B5

 B4ABB5

 AC75B5

 B6BDB5

 A963B5

 B9CFB5

 A751B5

 BBE1B5

 A43EB5

 BEF4B5

 A12CB5

 C1FFB5

 9F1AB5

 C3FFB5

 9C08B5

 C6FFB5

 9B00B5

 C8FFB5

Harmonies

Analogous

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



9D9EBF



B199B5



BE96A6

Triad

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



B199B5



B29E81



75AAAC

Complementary

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



B199B5



9DB599

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.



7EAA9B



B199B5



A1A383

Square

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



B199B5



BE9988



8FA78C



79A8B9

Rectangle

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



B199B5



C2959B



8FA78C



77AAA6

Sweetspot

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



B199B5



E9DFEB



999DB5



746E75



F5F5F5



757575

Same Dimension

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



B199B5



E4BEEB



B599AB



585059



830099



16001A

Inverse Universe

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



B5999D



EBBEC4



99B5A3



595052



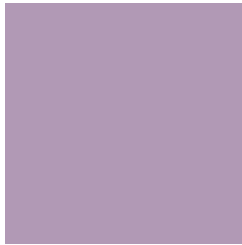
990016



1A0004

Previews

White Background



This preview shows how the Hex color B199B5 looks on a white background.

Color Contrast Check

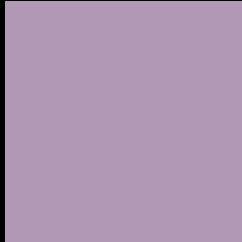
Large Text (above 18pt) WCAG AA × Fail

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 B199B5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

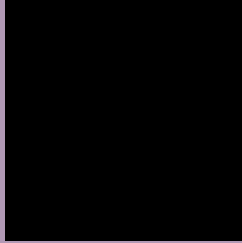
Any Text WCAG AA ✓ Pass

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 B199B5 Background



This preview shows how black text looks on a background with the Hex color B199B5.



This preview shows how white text looks on a background with the Hex color B199B5.

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
B199B5

Protanopia
9CA0B9

Deuteranopia
A79DB4



Tritanopia
AF9BA7

Trichromacy



Original Color
B199B5

Protanomaly
A49DB8

Deuteranomaly
AB9CB4

Tritanomaly
B09AAC

Monochromacy



Original Color
B199B5

Achromatopsia
A3A3A3

Achromatomaly
A89FAA

CSS Examples

Text

The CSS property to change the color of the text to Hex B199B5 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 #B199B5 looks like.

```
.text, #text, p{  
    color:#B199B5  
}
```

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 #B199B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B199B5
}
```

Border

The CSS property to change the border of an element to Hex B199B5 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
#B199B5 }
```

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

```
.border{ border-color:#B199B5 }
```

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

Here you see how a box with a 4 pixel #B199B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B199B5; -webkit-box-shadow:4px 4px  
4px 4px #B199B5; box-shadow:4px 4px 4px  
4px #B199B5 }
```

Background

The CSS property to change the background color of an element to Hex B199B5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B199B5 }
```

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

```
.background{ background-color:#B199B5 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor