

Converting Colors

Hex(B1CC99)

Have a look what the booklet for
Hex(B1CC99) contains.

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Color

Hex(B1CC99)

Conversions

Conversions Part 1

Format	Color
Hex	B1CC99
RGB	177, 204, 153
RGB Percent	69%, 80%, 60%
CMY	0.3059, 0.2000, 0.4000
CMYK	0.13, 0.00, 0.25, 0.20
HSL	92°, 33%, 70%
HSV	92°, 25%, 80%
XYZ	45.4741, 54.8328, 38.3240
YIQ	190.1130, 0.2790, -21.5850

Conversions

Conversions Part 2

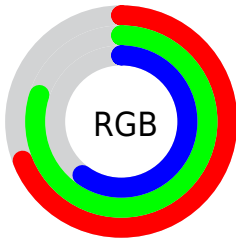
Format	Color
R_{YB}	153, 204, 180
Decimal	11652249
CIE _{Lab}	78.94, -18.18, 22.49
CIE _{LCh}	79, 28.919, 128.959
Yxy	54.8328, 0.3280, 0.3955
Android (android.graphics.Color)	4289842329 (0xFFB1CC99)
YUV	190.1130, -18.2967, -11.5001
Hunter-Lab	74.0491, -19.9679, 21.1489

Details

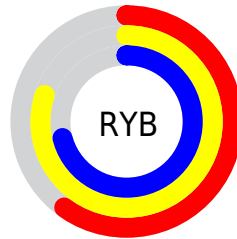
The Hex color **B1CC99** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **B499CC**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **E9FFD0**, and **7C9666** is the 20% darker color. If you saturate the color by 10%, you get **A6CC85**, and if you desaturate by 10%, it is **BCCCAD**.

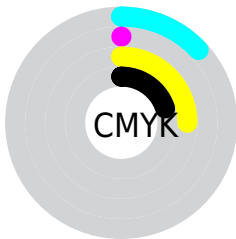
Distribution



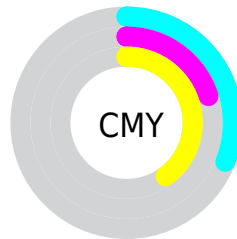
- Red (69%)
- Green (80%)
- Blue (60%)



- Red (60%)
- Yellow (80%)
- Blue (71%)



- Cyan (13%)
- Magenta (0%)
- Yellow (25%)
- Black (20%)



- Cyan (31%)
- Magenta (20%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color B1CC99 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 B1CC99 by changing the saturation by 10% instead.

 B1CC99

 B1CC99

FFFFFF

 96B17F

 E9FFD0

 7C9666

 FFFFEC

 637C4D

 4A6336

 334B20

 1C340A

 031F00

 000000

 B1CC99

 B1CC99

 A6CC85

 BCCCAD

 9BCC70

 C7CCC2

 91CC5C

 D1CCD6

 86CC47

 DCCCEB

 7BCC33

 E7CCFF

 70CC1F

 F2CCFF

 65CC0A

 FDCCFF

 60CC00

 FFCCFF

Harmonies

Analogous

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



CFC48E



B1CC99



92D1AF

Triad

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



B1CC99



89CBF5



F9B0BC

Complementary

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



B1CC99



B499CC

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.



EDB2D7



B1CC99



ADC3F8

Square

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



B1CC99



74D1E4



D2BAED



F7B3A3

Rectangle

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



B1CC99



81D2C2



D2BAED



F7B0C5

Sweetspot

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



B1CC99



F4FFEB



CCB399



798073



000000



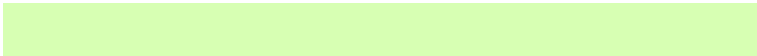
808080

Same Dimension

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



B1CC99



D7FFB3



99CC9A



61665C



4EA600



122600

Inverse Universe

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



B499CC



DBB3FF



CC99CB



615C66



5800A6



140026

Previews

White Background



This preview shows how the Hex color B1CC99 looks on a white background.

Color Contrast Check

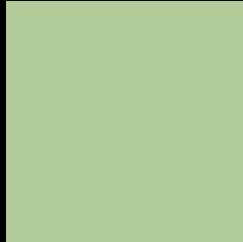
Large Text (above 18pt) WCAG AA × Fail

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 B1CC99 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

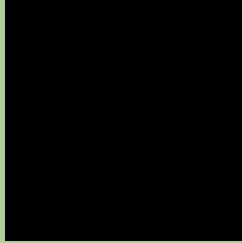
Any Text WCAG AA ✓ Pass

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 B1CC99 Background



This preview shows how black text looks on a background with the Hex color B1CC99.

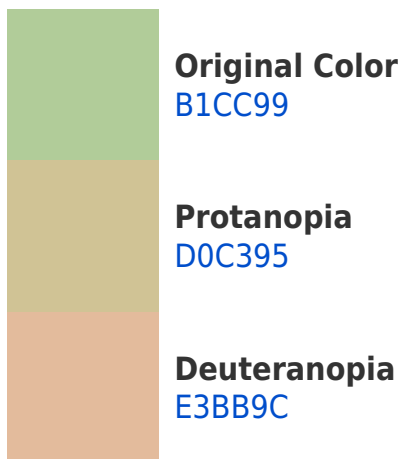


This preview shows how white text looks on a background with the Hex color B1CC99.

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](#).

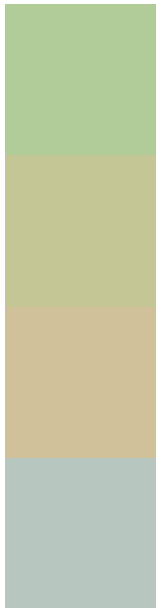
Dichromacy





Tritanopia
BAC4D4

Trichromacy



Original Color
B1CC99

Protanomaly
C5C696

Deuteranomaly
D1C19B

Tritanomaly
B7C7BF

Monochromacy



Original Color
B1CC99

Achromatopsia
BEBEBE

Achromatomaly
B9C3B1

CSS Examples

Text

The CSS property to change the color of the text to Hex B1CC99 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 #B1CC99 looks like.

```
.text, #text, p{  
    color:#B1CC99  
}
```

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 #B1CC99 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1CC99
}
```

Border

The CSS property to change the border of an element to Hex B1CC99 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
#B1CC99 }
```

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

```
.border{ border-color:#B1CC99 }
```

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

Here you see how a box with a 4 pixel #B1CC99 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1CC99; -webkit-box-shadow:4px 4px  
4px 4px #B1CC99; box-shadow:4px 4px 4px  
4px #B1CC99 }
```

Background

The CSS property to change the background color of an element to Hex B1CC99 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1CC99 }
```

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

```
.background{ background-color:#B1CC99 }
```

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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