

Converting Colors

Hex(B1CB83)

Have a look what the booklet for
Hex(B1CB83) contains.

Hex(B1CB83)	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(B1CB83)

Conversions

Conversions Part 1

Format	Color
Hex	B1CB83
RGB	177, 203, 131
RGB Percent	69%, 80%, 51%
CMY	0.3059, 0.2039, 0.4863
CMYK	0.13, 0.00, 0.35, 0.20
HSL	82°, 41%, 65%
HSV	82°, 35%, 80%
XYZ	43.5841, 53.6977, 29.5403
YIQ	187.0180, 7.6160, -27.9040

Conversions

Conversions Part 2

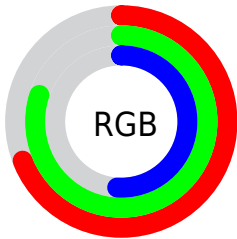
Format	Color
RYB	131, 203, 157
Decimal	11651971
CIELab	78.29, -20.83, 33.09
CIELCh	78, 39.100, 122.198
Yxy	53.6977, 0.3437, 0.4234
Android (android.graphics.Color)	4289842051 (0xFFB1CB83)
YUV	187.0180, -27.6169, -8.7858
Hunter-Lab	73.2787, -22.0709, 27.3940

Details

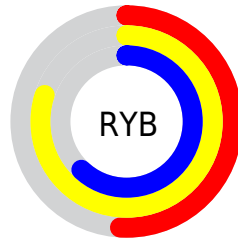
The Hex color **B1CB83** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **9D83CB**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **E9FFB9**, and **7B9550** is the 20% darker color. If you saturate the color by 10%, you get **AACB6F**, and if you desaturate by 10%, it is **B8CB97**.

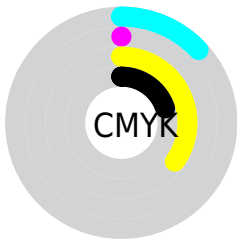
Distribution



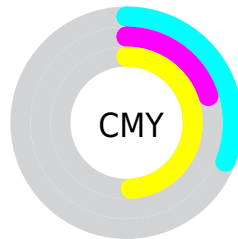
- Red (69%)
- Green (80%)
- Blue (51%)



- Red (51%)
- Yellow (80%)
- Blue (62%)



- Cyan (13%)
- Magenta (0%)
- Yellow (35%)
- Black (20%)



- Cyan (31%)
- Magenta (20%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color B1CB83 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 B1CB83 by changing the saturation by 10% instead.



B1CB83



B1CB83

FFFFFF



96B069



E9FFB9



7B9550



FFFFD5



627B38



FFFFF1



496221



314A08



1B3300



001F00



000000



B1CB83



B1CB83

 AACB6F

 B8CB97

 A2CB5A

 C0CBAC

 9BCB46

 C7CBC0

 94CB32

 CECBD4

 8CCB1E

 D6CBE9

 85CB09

 DDCBFD

 82CB00

 E4CBFF

 ECCBFF

 F3CBFF

Harmonies

Analogous

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



D7C078



B1CB83



86D29F

Triad

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



B1CB83



57CEFF



FFA6C0

Complementary

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



B1CB83



9D83CB

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.



F2ABE4



B1CB83



93C4FF

Square

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



B1CB83



37D4E7



CAB7FF



FFA99D

Rectangle

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



B1CB83



67D5B7



CAB7FF



FFA7CD

Sweetspot

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



B1CB83



F5FFE3



CB9C83



7A806F



000000



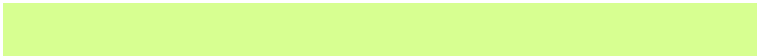
808080

Same Dimension

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



B1CB83



D7FF91



8ECB83



62665C



6AA600



182600

Inverse Universe

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



9D83CB



B991FF



C083CB



5F5C66



3C00A6



0E0026

Previews

White Background



This preview shows how the Hex color B1CB83 looks on a white background.

Color Contrast Check

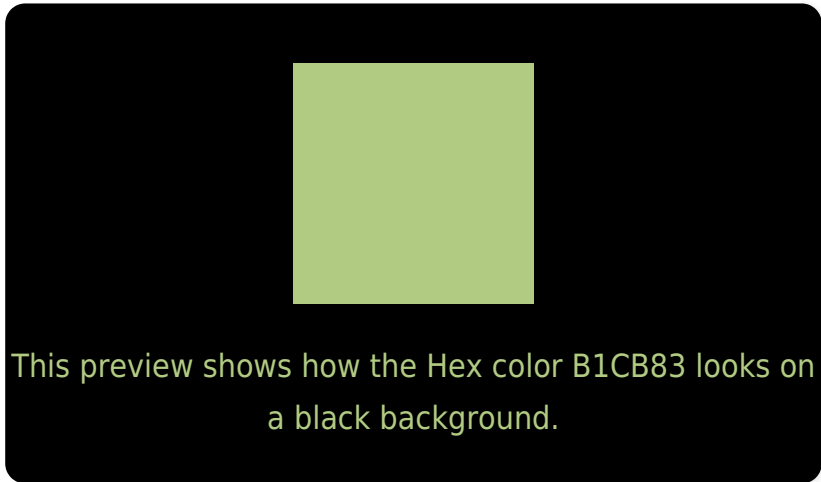
Large Text (above 18pt) WCAG AA × Fail

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 B1CB83 Background



This preview shows how black text looks on a background with the Hex color B1CB83.

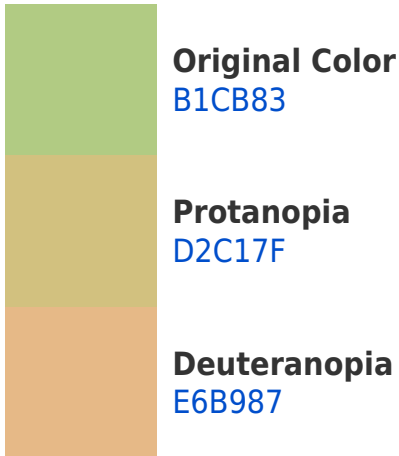


This preview shows how white text looks on a background with the Hex color B1CB83.

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](#).

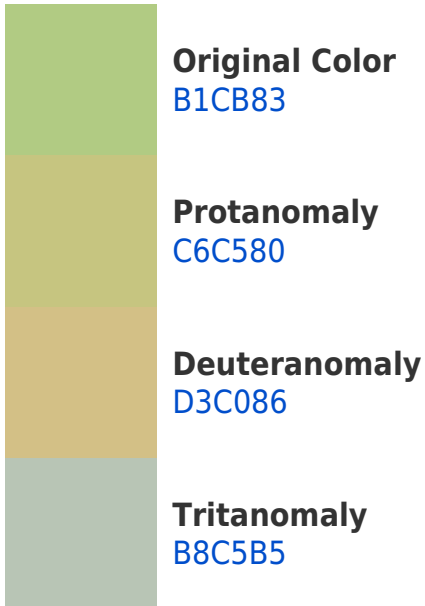
Dichromacy



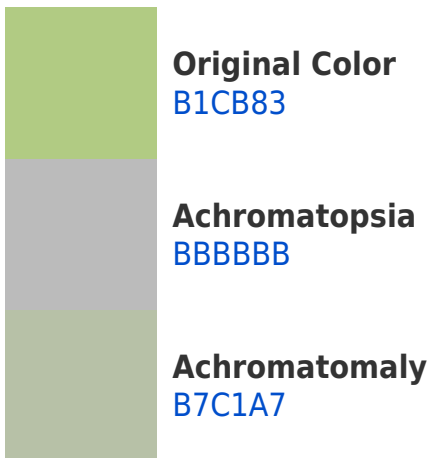


Tritanopia
BCC1D1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B1CB83 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 #B1CB83 looks like.

```
.text, #text, p{  
    color:#B1CB83  
}
```

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 #B1CB83 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1CB83
}
```

Border

The CSS property to change the border of an element to Hex B1CB83 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
#B1CB83 }
```

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

```
.border{ border-color:#B1CB83 }
```

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

Here you see how a box with a 4 pixel #B1CB83 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1CB83; -webkit-box-shadow:4px 4px  
4px 4px #B1CB83; box-shadow:4px 4px 4px  
4px #B1CB83 }
```

Background

The CSS property to change the background color of an element to Hex B1CB83 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1CB83 }
```

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

```
.background{ background-color:#B1CB83 }
```

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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