

Converting Colors

Hex(B1CB91)

Have a look what the booklet for
Hex(B1CB91) contains.

Hex(B1CB91)	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(B1CB91)

Conversions

Conversions Part 1

Format	Color
Hex	B1CB91
RGB	177, 203, 145
RGB Percent	69%, 80%, 57%
CMY	0.3059, 0.2039, 0.4314
CMYK	0.13, 0.00, 0.29, 0.20
HSL	87°, 36%, 68%
HSV	87°, 29%, 80%
XYZ	44.5982, 54.1033, 34.8805
YIQ	188.6140, 3.1220, -23.5500

Conversions

Conversions Part 2

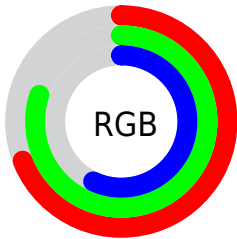
Format	Color
RYB	145, 203, 171
Decimal	11651985
CIELab	78.52, -18.89, 26.12
CIELCh	79, 32.234, 125.870
Yxy	54.1033, 0.3339, 0.4050
Android (android.graphics.Color)	4289842065 (0xFFB1CB91)
YUV	188.6140, -21.5017, -10.1855
Hunter-Lab	73.5550, -20.4921, 23.3726

Details

The Hex color **B1CB91** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **AB91CB**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **E9FFC7**, and **7C955E** is the 20% darker color. If you saturate the color by 10%, you get **A8CB7D**, and if you desaturate by 10%, it is **BACBA5**.

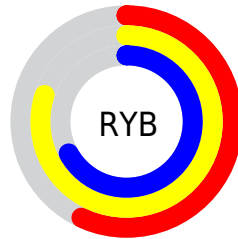
Distribution



Red (69%)

Green (80%)

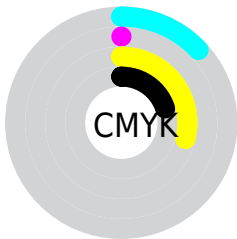
Blue (57%)



Red (57%)

Yellow (80%)

Blue (67%)

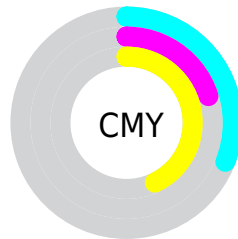


Cyan (13%)

Magenta (0%)

Yellow (29%)

Black (20%)



Cyan (31%)

Magenta (20%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color B1CB91 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 B1CB91 by changing the saturation by 10% instead.



B1CB91



B1CB91

FFFFFF



96B077



E9FFC7



7C955E



FFFFE3



627B46



4A622F



324A18



1C3300



001F00



000000



B1CB91



B1CB91

 A8CB7D

 BACBA5

 9FCB68

 C3CBBA

 96CB54

 CCCBCE

 8DCB40

 D5CBE2

 84CB2C

 DFCBF7

 7ACB17

 E8CBFF

 71CB03

 F1CBFF

 70CB00

 FACBFF

 FFCBFF

Harmonies

Analogous

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



D2C286



B1CB91



8ED1A9

Triad

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



B1CB91



7ACCF8



FDACBD

Complementary

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



B1CB91



AB91CB

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.



EEB0DB



B1CB91



A4C3FD

Square

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



B1CB91



64D1E4



CEB9F3



FCAFA1

Rectangle

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



B1CB91



78D3BD



CEB9F3



FAACC8

Sweetspot

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



B1CB91



F5FFE8



CBAA91



798071



000000



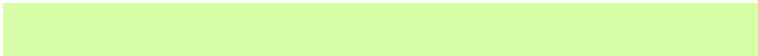
808080

Same Dimension

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



B1CB91



D8FFA8



95CB91



61665C



5BA600



152600

Inverse Universe

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



AB91CB



CFA8FF



C791CB



605C66



4A00A6



110026

Previews

White Background



This preview shows how the Hex color B1CB91 looks on a white background.

Color Contrast Check

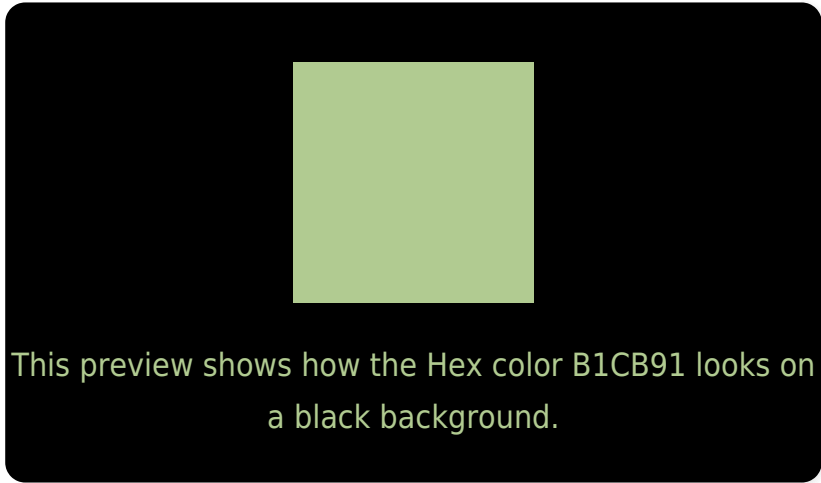
Large Text (above 18pt) WCAG AA × Fail

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

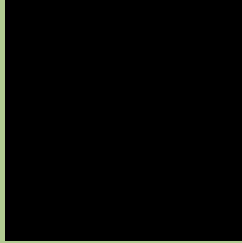
Any Text WCAG AA ✓ Pass

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 B1CB91 Background



This preview shows how black text looks on a background with the Hex color B1CB91.

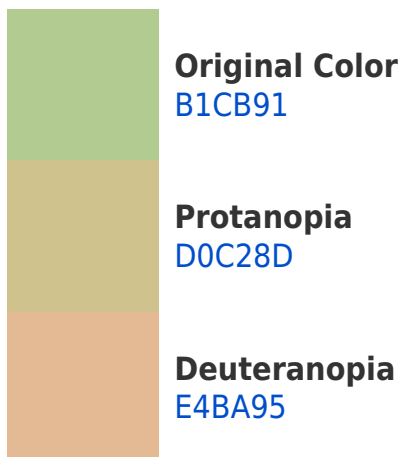


This preview shows how white text looks on a background with the Hex color B1CB91.

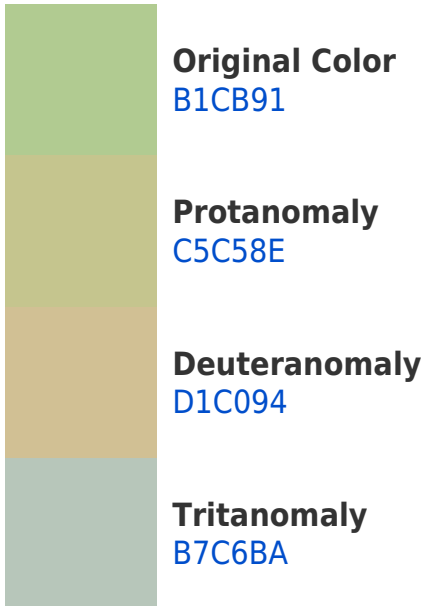
Color Blindness Simulation

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](#).

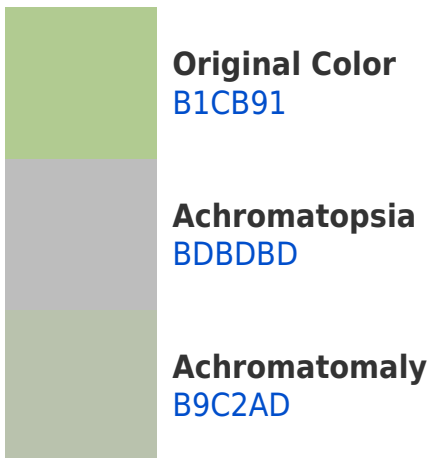
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B1CB91 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 #B1CB91 looks like.

```
.text, #text, p{  
    color:#B1CB91  
}
```

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 #B1CB91 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1CB91
}
```

Border

The CSS property to change the border of an element to Hex B1CB91 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
#B1CB91 }
```

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

```
.border{ border-color:#B1CB91 }
```

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

Here you see how a box with a 4 pixel #B1CB91 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1CB91; -webkit-box-shadow:4px 4px  
4px 4px #B1CB91; box-shadow:4px 4px 4px  
4px #B1CB91 }
```

Background

The CSS property to change the background color of an element to Hex B1CB91 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1CB91 }
```

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

```
.background{ background-color:#B1CB91 }
```

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