

Converting Colors

Hex(B4DC99)

Have a look what the booklet for
Hex(B4DC99) contains.

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Color

Hex(B4DC99)

Conversions

Conversions Part 1

Format	Color
Hex	B4DC99
RGB	180, 220, 153
RGB Percent	71%, 86%, 60%
CMY	0.2941, 0.1373, 0.4000
CMYK	0.18, 0.00, 0.30, 0.14
HSL	96°, 49%, 73%
HSV	96°, 30%, 86%
XYZ	50.1654, 63.1896, 39.6898
YIQ	200.4020, -2.3330, -29.3170

Conversions

Conversions Part 2

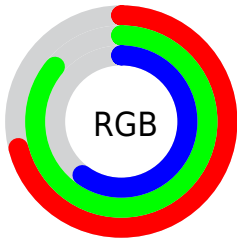
Format	Color
RYB	153, 220, 193
Decimal	11852953
CIELab	83.54, -24.99, 28.76
CIELCh	84, 38.096, 130.991
Yxy	63.1896, 0.3278, 0.4129
Android (android.graphics.Color)	4290043033 (0xFFB4DC99)
YUV	200.4020, -23.3692, -17.8926
Hunter-Lab	79.4919, -26.4639, 26.0412

Details

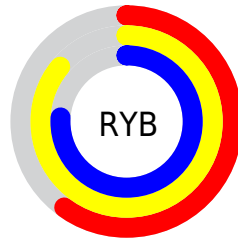
The Hex color **B4DC99** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **C199DC**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **EDFFD0**, and **7EA565** is the 20% darker color. If you saturate the color by 10%, you get **A7DC83**, and if you desaturate by 10%, it is **C1DCAF**.

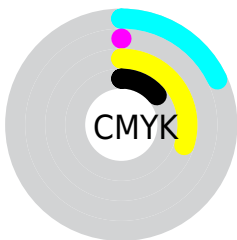
Distribution



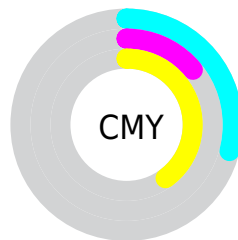
- Red (71%)
- Green (86%)
- Blue (60%)



- Red (60%)
- Yellow (86%)
- Blue (76%)



- Cyan (18%)
- Magenta (0%)
- Yellow (30%)
- Black (14%)



- Cyan (29%)
- Magenta (14%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color B4DC99 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 B4DC99 by changing the saturation by 10% instead.

 B4DC99

 B4DC99

FFFFFF

 99C07F

 EDFFD0

 7EA565

 FFFFEC

 648A4D

 4B7135

 33581E

 1B4006

 032A00

 001500

 000000

 B4DC99

 B4DC99

 A7DC83

 C1DCAF

 9ADC6D

 CEDCC5

 8DDC57

 DBDCDB

 7FDC41

 E9DCF1

 72DC2B

 F6DCFF

 65DC15

 FFDCFF

 59DC00

Harmonies

Analogous

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



DCD289



B4DC99



89E2B8

Triad

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



B4DC99



7DDAFF



FFB5C4

Complementary

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



B4DC99



C199DC

Split Complementary

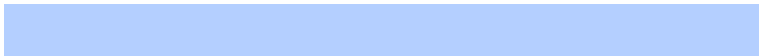
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFB8E8



B4DC99



B4CFFF

Square

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



B4DC99



56E1FE



E6C2FF



FFBBA3

Rectangle

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



B4DC99



6DE4D0



E6C2FF



FFB5D0

Sweetspot

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



B4DC99



F1FFE8



DCC099



778071



000000



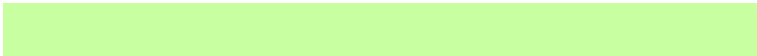
808080

Same Dimension

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



B4DC99



C7FFA1



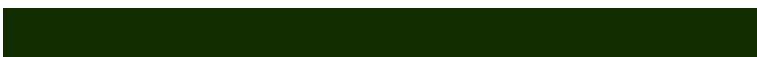
99DC9F



676E63



46AD00



122E00

Inverse Universe

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



C199DC



D9A1FF



DC99D6



69636E



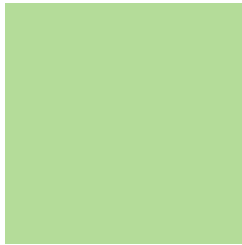
6800AD



1B002E

Previews

White Background



This preview shows how the Hex color B4DC99 looks on a white background.

Color Contrast Check

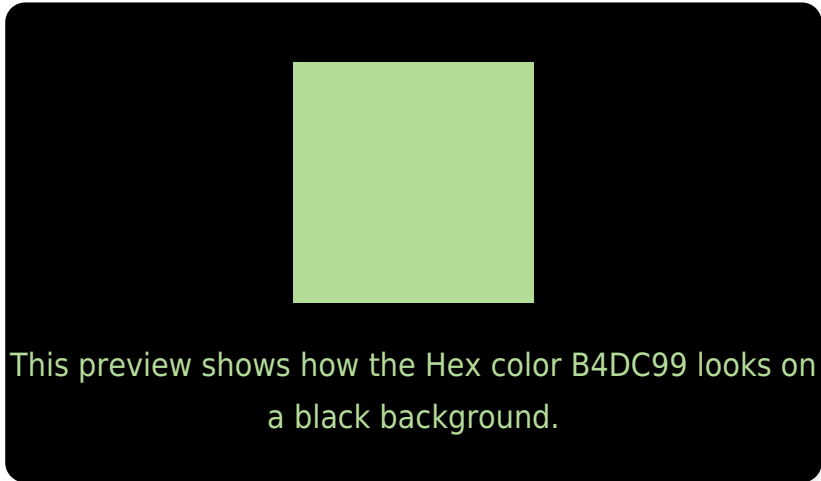
Large Text (above 18pt) WCAG AA × Fail

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

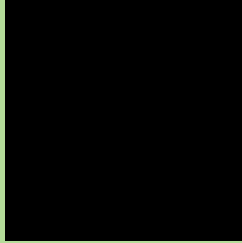
Any Text WCAG AA ✓ Pass

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 B4DC99 Background



This preview shows how black text looks on a background with the Hex color B4DC99.

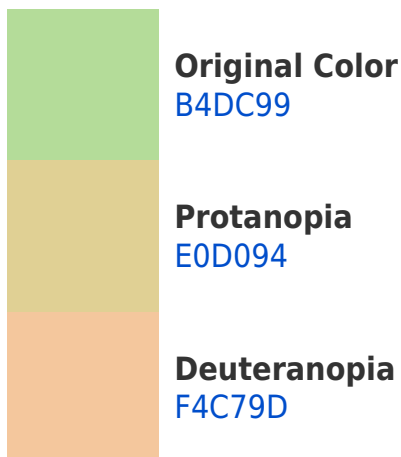


This preview shows how white text looks on a background with the Hex color B4DC99.

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](#).

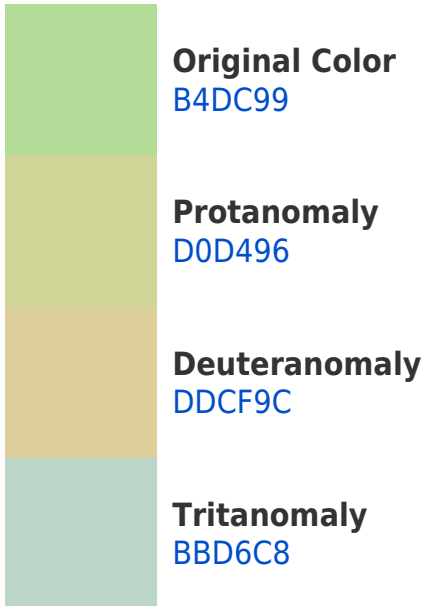
Dichromacy



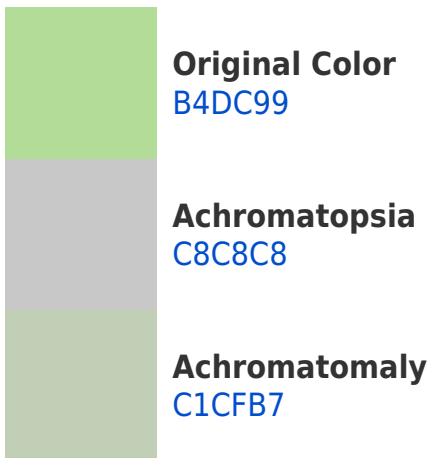


Tritanopia
BFD3E3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B4DC99 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 #B4DC99 looks like.

```
.text, #text, p{  
    color:#B4DC99  
}
```

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 #B4DC99 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B4DC99
}
```

Border

The CSS property to change the border of an element to Hex B4DC99 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
#B4DC99 }
```

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

```
.border{ border-color:#B4DC99 }
```

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

Here you see how a box with a 4 pixel #B4DC99 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B4DC99; -webkit-box-shadow:4px 4px  
4px 4px #B4DC99; box-shadow:4px 4px 4px  
4px #B4DC99 }
```

Background

The CSS property to change the background color of an element to Hex B4DC99 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B4DC99 }
```

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

```
.background{ background-color:#B4DC99 }
```

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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