

# Converting Colors

Hex(B4D199)

Have a look what the booklet for  
Hex(B4D199) contains.

<b>Hex(B4D199)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(B4D199)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B4D199
RGB	180, 209, 153
RGB Percent	71%, 82%, 60%
CMY	0.2941, 0.1804, 0.4000
CMYK	0.14, 0.00, 0.27, 0.18
HSL	91°, 38%, 71%
HSV	91°, 27%, 82%
XYZ	47.3726, 57.6041, 38.7589
YIQ	193.9450, 0.6920, -23.5640

# Conversions

## Conversions Part 2

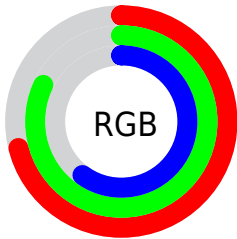
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	153, 209, 182
Decimal	11850137
CIE <sub>Lab</sub>	80.52, -19.60, 24.67
CIE <sub>LCh</sub>	81, 31.505, 128.464
Yxy	57.6041, 0.3296, 0.4008
Android (android.graphics.Color)	4290040217 (0xFFB4D199)
YUV	193.9450, -20.1859, -12.2298
Hunter-Lab	75.8974, -21.4067, 22.8502

# Details

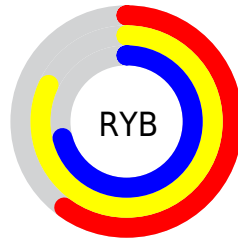
The Hex color **B4D199** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **B699D1**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **ECFFD0**, and **7F9A66** is the 20% darker color. If you saturate the color by 10%, you get **A9D184**, and if you desaturate by 10%, it is **BFD1AE**.

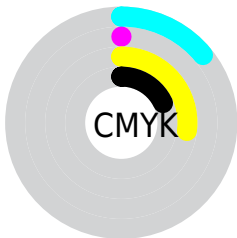
# Distribution



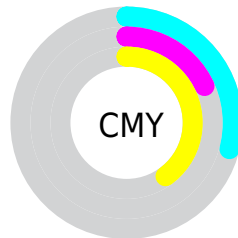
- Red (71%)
- Green (82%)
- Blue (60%)



- Red (60%)
- Yellow (82%)
- Blue (71%)



- Cyan (14%)
- Magenta (0%)
- Yellow (27%)
- Black (18%)



- Cyan (29%)
- Magenta (18%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B4D199 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 B4D199 by changing the saturation by 10% instead.



 B4D199

 B4D199

FFFFFF

 99B57F

 ECFFD0

 7F9A66

 FFFFEC

 65804D

 4C6736

 354F1F

 1E3809

 072200

 000400

 000000

 B4D199

 B4D199

 A9D184

 BFD1AE

 9ED16F

 CAD1C3

 94D15A

 D4D1D8

 89D145

 DFD1ED

 7ED131

 EAD1FF

 73D11C

 F5D1FF

 68D107

 FFD1FF

 65D100

# Harmonies

## Analogous

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



D5C98D



B4D199



92D6B1

# Triad

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



B4D199



85D1FE



FFB2C0

# Complementary

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



B4D199



B699D1

# 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.



F4B5DE



B4D199



AEC8FF

# Square

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



B4D199



6ED6EB



D7BDF6



FFB6A5

# Rectangle

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



B4D199



7ED8C5



D7BDF6



FFB2CA



# Sweetspot

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



B4D199



F4FFEB



D1B699



798073



000000



808080

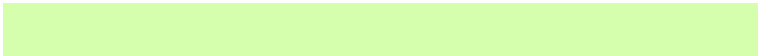


# Same Dimension

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



B4D199



D5FFAD



99D19A



63695E



51A800



142900



# Inverse Universe

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



B699D1



D8ADFF



D199D0



645E69



5700A8

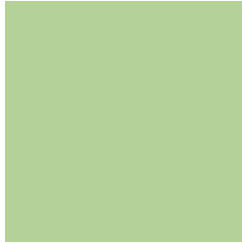


150029



# Previews

## White Background



This preview shows how the Hex color B4D199 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 B4D199 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

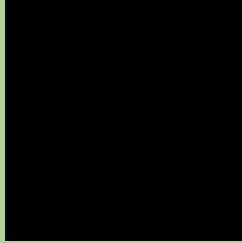
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B4D199 Background



This preview shows how black text looks on a background with the Hex color B4D199.

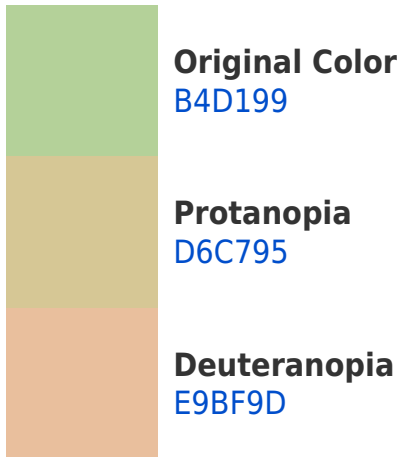


This preview shows how white text looks on a background with the Hex color B4D199.

# 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](#).

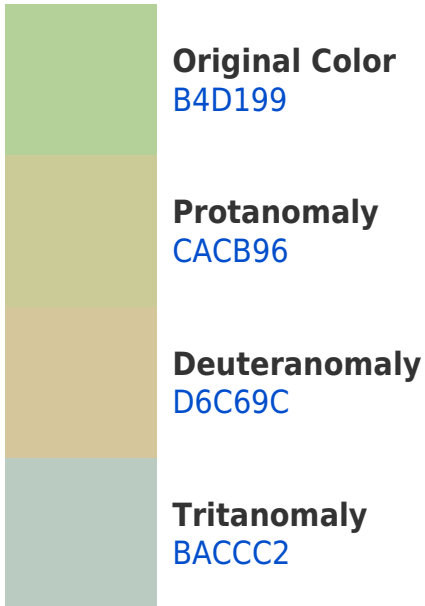
## Dichromacy





**Tritanopia**  
BDC9D9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B4D199 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 #B4D199 looks like.

```
.text, #text, p{  
    color:#B4D199  
}
```

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 #B4D199 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B4D199
}
```

## Border

The CSS property to change the border of an element to Hex B4D199 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
#B4D199 }
```

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

```
.border{ border-color:#B4D199 }
```

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

Here you see how a box with a 4 pixel #B4D199 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B4D199; -webkit-box-shadow:4px 4px  
4px 4px #B4D199; box-shadow:4px 4px 4px  
4px #B4D199 }
```

# Background

The CSS property to change the background color of an element to Hex B4D199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B4D199 }
```

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

```
.background{ background-color:#B4D199 }
```

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