

Converting Colors

Hex(B4DB93)

Have a look what the booklet for
Hex(B4DB93) contains.

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Color

Hex(B4DB93)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | B4DB93 |
| RGB | 180, 219, 147 |
| RGB Percent | 71%, 86%, 58% |
| CMY | 0.2941, 0.1412, 0.4235 |
| CMYK | 0.18, 0.00, 0.33, 0.14 |
| HSL | 92°, 50%, 72% |
| HSV | 92°, 33%, 86% |
| XYZ | 49.4204, 62.4729, 37.0575 |
| YIQ | 199.1310, -0.1320, -30.6600 |

Conversions

Conversions Part 2

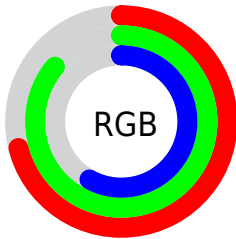
| Format | Color |
|-------------------------------------|--|
| RYB | 147, 219, 186 |
| Decimal | 11852691 |
| CIELab | 83.16, -25.37, 31.34 |
| CIELCh | 83, 40.318, 128.995 |
| Yxy | 62.4729, 0.3318, 0.4194 |
| Android (android.graphics.Color) | 4290042771 (0xFFB4DB93) |
| YUV | 199.1310, -25.7006, -16.7779 |
| Hunter-Lab | 79.0398, -26.7109, 27.5300 |

Details

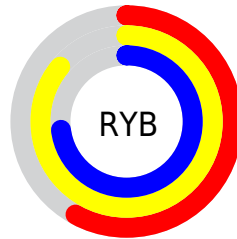
The Hex color **B4DB93** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **BA93DB**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **EDFFCA**, and **7EA460** is the 20% darker color. If you saturate the color by 10%, you get **A8DB7D**, and if you desaturate by 10%, it is **C0DBA9**.

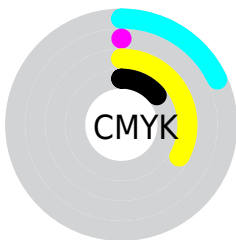
Distribution



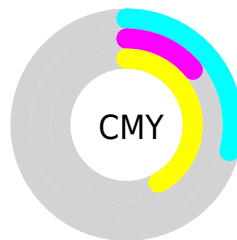
- Red (71%)
- Green (86%)
- Blue (58%)



- Red (58%)
- Yellow (86%)
- Blue (73%)



- Cyan (18%)
- Magenta (0%)
- Yellow (33%)
- Black (14%)



- Cyan (29%)
- Magenta (14%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color B4DB93 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 B4DB93 by changing the saturation by 10% instead.

 B4DB93

 B4DB93

FFFFFF

 99BF79

 EDFFCA

 7EA460

 FFFFE6

 648947

 4B702F

 335718

 1A4000

 012900

 001300

 000000

 B4DB93

 B4DB93

 A8DB7D

 C0DBA9

 9CDB67

 CCDBBF

 90DB51

 D8DBD5

 85DB3B

 E3DBEB

 79DB26

 EFDBFF

 6DDB10

 FBDBFF

 64DB00

 FFDBFF

Harmonies

Analogous

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



DED183



B4DB93



86E2B3

Triad

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



B4DB93



6FDAFF



FFB2C5

Complementary

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



B4DB93



BA93DB

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.



FFB6EB



B4DB93



ACCFFF

Square

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



B4DB93



44E2FE



E3C1FF



FFB8A1

Rectangle

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



B4DB93



66E4CD



E3C1FF



FFB2D2

Sweetspot

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



B4DB93



F1FFE6



DBB993



778070



000000



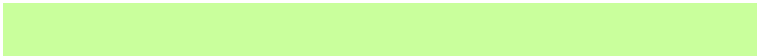
808080

Same Dimension

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



B4DB93



C9FF9C



93DB95



686E63



4FAD00



152E00

Inverse Universe

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



BA93DB



D19CFF



DB93D9



69636E



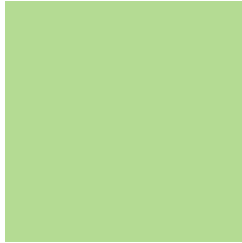
5E00AD



19002E

Previews

White Background



This preview shows how the Hex color B4DB93 looks on a white background.

Color Contrast Check

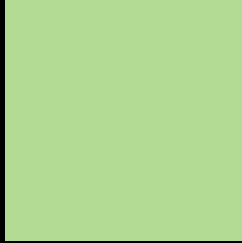
Large Text (above 18pt) WCAG AA × Fail

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 B4DB93 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

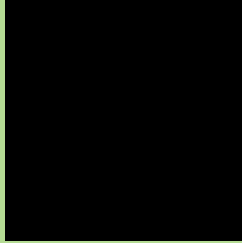
Any Text WCAG AA ✓ Pass

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 B4DB93 Background



This preview shows how black text looks on a background with the Hex color B4DB93.

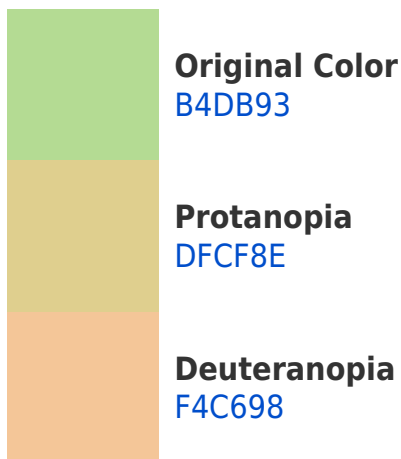


This preview shows how white text looks on a background with the Hex color B4DB93.

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](#).

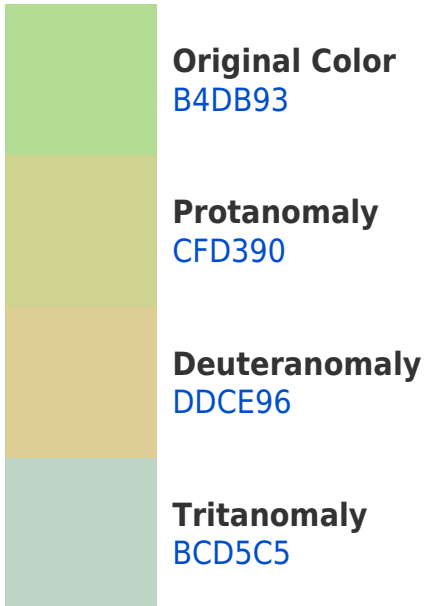
Dichromacy



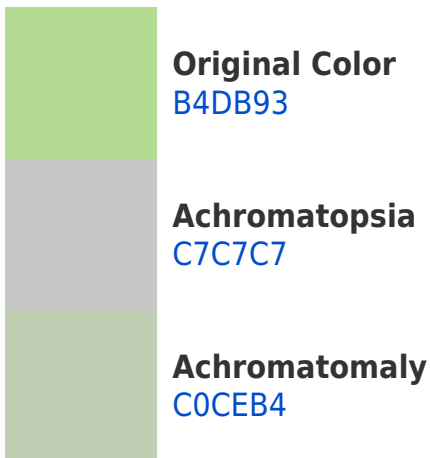


Tritanopia
C0D1E2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B4DB93 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 #B4DB93 looks like.

```
.text, #text, p{  
    color:#B4DB93  
}
```

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 #B4DB93 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B4DB93
}
```

Border

The CSS property to change the border of an element to Hex B4DB93 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
#B4DB93 }
```

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

```
.border{ border-color:#B4DB93 }
```

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

Here you see how a box with a 4 pixel #B4DB93 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B4DB93; -webkit-box-shadow:4px 4px  
4px 4px #B4DB93; box-shadow:4px 4px 4px  
4px #B4DB93 }
```

Background

The CSS property to change the background color of an element to Hex B4DB93 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B4DB93 }
```

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

```
.background{ background-color:#B4DB93 }
```

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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