

# Converting Colors

Hex(B4DBB5)

Have a look what the booklet for  
Hex(B4DBB5) contains.

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# **Color**

**Hex(B4DBB5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B4DBB5
RGB	180, 219, 181
RGB Percent	71%, 86%, 71%
CMY	0.2941, 0.1412, 0.2902
CMYK	0.18, 0.00, 0.17, 0.14
HSL	122°, 35%, 78%
HSV	122°, 18%, 86%
XYZ	52.4944, 63.7025, 53.2451
YIQ	203.0070, -11.0460, -20.0860

# Conversions

## Conversions Part 2

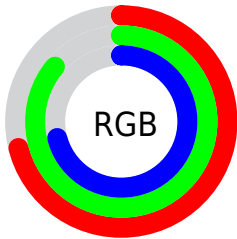
Format	Color
<a href="#">RYB</a>	<a href="#">180, 218, 219</a>
Decimal	<a href="#">11852725</a>
CIELab	<a href="#">83.81, -19.99, 14.52</a>
CIELCh	<a href="#">84, 24.704, 144.006</a>
Yxy	<a href="#">63.7025, 0.3098, 0.3760</a>
Android (android.graphics.Color)	<a href="#">4290042805 (0xFFB4DBB5)</a>
YUV	<a href="#">203.0070, -10.8495, -20.1771</a>
Hunter-Lab	<a href="#">79.8139, -22.2730, 16.3164</a>

# Details

The Hex color **B4DBB5** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **DBB4DA**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **ECFFED**, and **7FA480** is the 20% darker color. If you saturate the color by 10%, you get **9EDBA0**, and if you desaturate by 10%, it is **CADBCA**.

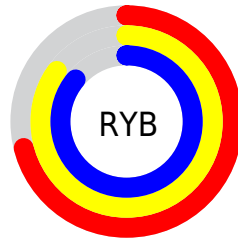
# Distribution



Red (71%)

Green (86%)

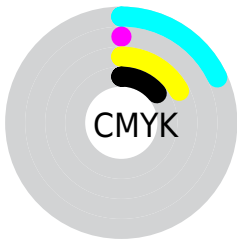
Blue (71%)



Red (71%)

Yellow (85%)

Blue (86%)

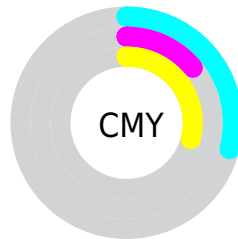


Cyan (18%)

Magenta (0%)

Yellow (17%)

Black (14%)



Cyan (29%)

Magenta (14%)

Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B4DBB5 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 B4DBB5 by changing the saturation by 10% instead.



 B4DBB5

 B4DBB5

FFFFFF

 99BF9A

 ECFFED

 7FA480

 658A67

 4D704F

 355738

 1E4022

 072A0D

 001600

 000000

 B4DBB5

 B4DBB5

 9EDBA0

 CADBCA

 88DB8A

 E0DBE0

 72DB75

 F6DBF5

 5CDB60

 FFDBFF

 47DB4A

 31DB35

 1BDB20

 05DB0A

 00DB06

# Harmonies

## Analogous

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



CFD5A6



B4DBB5



9DDECB

# Triad

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



B4DBB5



B0D4FF



FFC1BF

# Complementary

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



B4DBB5



DBB4DA

# 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.



FCC1D7



B4DBB5



CFCDFB

# Square

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



B4DBB5



97DBF6



EBC5ED



F9C6AC

# Rectangle

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



B4DBB5



93DEDB



EBC5ED



FFC1C7

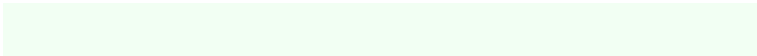


# Sweetspot

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



B4DBB5



F2FFF3



DADBB4



788078



000000



808080

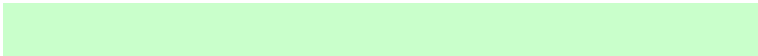


# Same Dimension

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



B4DBB5



C9FFCB



B4DBC8



636E63



00AD04



002E01



# Inverse Universe

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



DBB4DA



FFC9FE



DBB4C7



6E636D



AD00A9

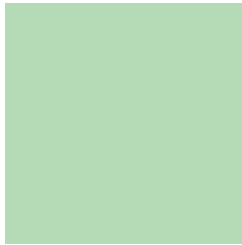


2E002D



# Previews

## White Background



This preview shows how the Hex color B4DBB5 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 B4DBB5 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

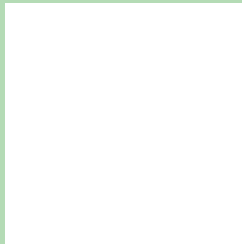
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B4DBB5 Background



This preview shows how black text looks on a background with the Hex color B4DBB5.

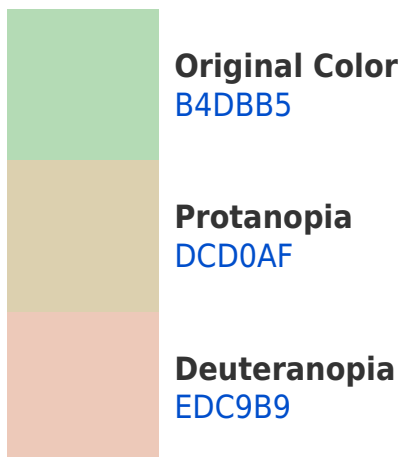


This preview shows how white text looks on a background with the Hex color B4DBB5.

# Color Blindness Simulation

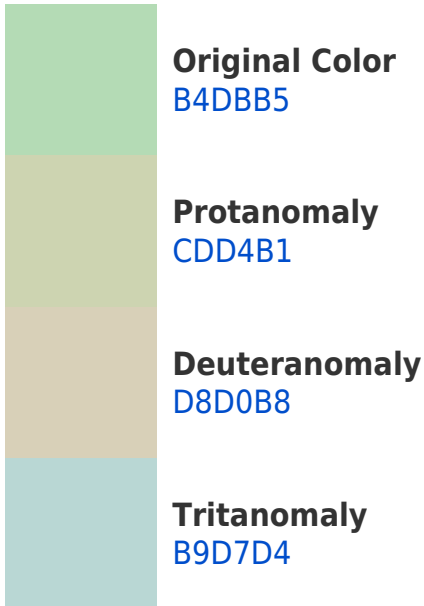
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

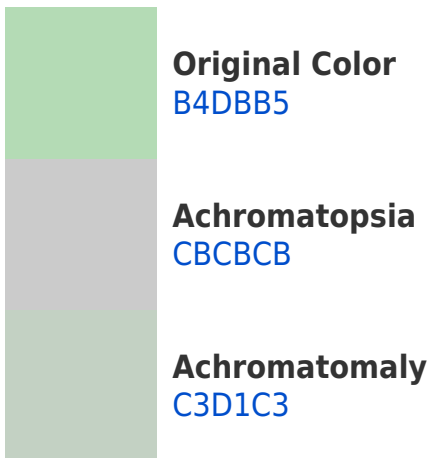




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B4DBB5 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 #B4DBB5 looks like.

```
.text, #text, p{  
  color:#B4DBB5  
}
```

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 #B4DBB5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B4DBB5
}
```

## Border

The CSS property to change the border of an element to Hex B4DBB5 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
#B4DBB5 }
```

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

```
.border{ border-color:#B4DBB5 }
```

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

Here you see how a box with a 4 pixel #B4DBB5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B4DBB5; -webkit-box-shadow:4px 4px  
4px 4px #B4DBB5; box-shadow:4px 4px 4px  
4px #B4DBB5 }
```

# Background

The CSS property to change the background color of an element to Hex B4DBB5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B4DBB5 }
```

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

```
.background{ background-color:#B4DBB5 }
```

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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