

# Converting Colors

Hex(B2D0B2)

Have a look what the booklet for  
Hex(B2D0B2) contains.

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# **Color**

**Hex(B2D0B2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B2D0B2
RGB	178, 208, 178
RGB Percent	70%, 82%, 70%
CMY	0.3020, 0.1843, 0.3020
CMYK	0.14, 0.00, 0.14, 0.18
HSL	120°, 24%, 76%
HSV	120°, 14%, 82%
XYZ	48.9519, 57.7911, 50.6942
YIQ	195.6100, -8.2500, -15.6900

# Conversions

## Conversions Part 2

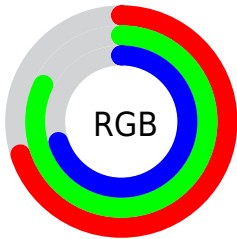
<b>Format</b>	<b>Color</b>
<b>RYB</b>	178, 208, 208
Decimal	11718834
CIELab	80.62, -15.69, 11.58
CIELCh	81, 19.500, 143.571
Yxy	57.7911, 0.3109, 0.3671
Android (android.graphics.Color)	4289908914 (0xFFB2D0B2)
YUV	195.6100, -8.6817, -15.4440
Hunter-Lab	76.0204, -18.0943, 13.6768

# Details

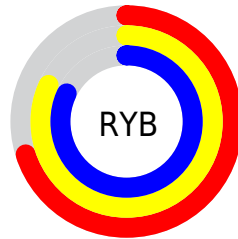
The Hex color **B2D0B2** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **D0B2D0**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **EAFFEA**, and **7D9A7D** is the 20% darker color. If you saturate the color by 10%, you get **9DD09D**, and if you desaturate by 10%, it is **C7D0C7**.

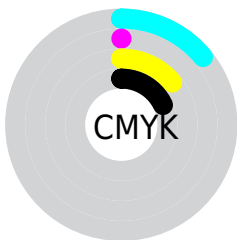
# Distribution



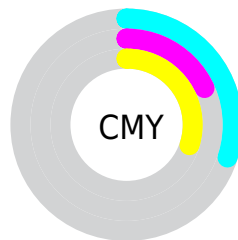
- Red (70%)
- Green (82%)
- Blue (70%)



- Red (70%)
- Yellow (82%)
- Blue (82%)



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



- Cyan (30%)
- Magenta (18%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B2D0B2 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 B2D0B2 by changing the saturation by 10% instead.



 B2D0B2

FFFFFF

 EAFFEA

 B2D0B2

 97B497

 7D9A7D

 648064

 4C664C

 344E36

 1E3720

 09220A

 000400

 000000

 B2D0B2

 B2D0B2

 9DD09D

 C7D0C7

 88D088

 DCD0DC

 74D074

 F0D0F0

 5FD05F

 FFD0FF

 4AD04A

 35D035

 20D020

 0CD00C

 00D000

# Harmonies

## Analogous

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



C7CBA7



B2D0B2



A0D2C3

# Triad

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



B2D0B2



AFCBEC



EFBCBA

# Complementary

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



B2D0B2



D0B2D0

# 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.



EABCCD



B2D0B2



C6C5E9

# Square

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



B2D0B2



9DD0E5



DCBFDE



E9C0AB

# Rectangle

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



B2D0B2



99D3D0



DCBFDE



EEBBC0



# Sweetspot

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



B2D0B2



F5FFF5



D0D0B2



798079



000000



808080

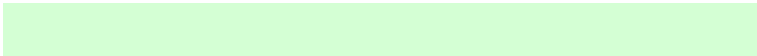


# Same Dimension

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



B2D0B2



D4FFD4



B2D0C1



5E695E



00A800



002900



# Inverse Universe

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



D0B2D0



FFD4FF



D0B2C1



695E69



A800A8



290029



# Previews

## White Background



This preview shows how the Hex color B2D0B2 looks on a white background.

## Color Contrast Check

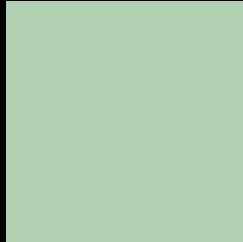
Large Text (above 18pt) WCAG AA × Fail

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 B2D0B2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

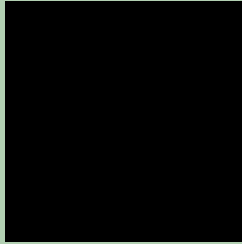
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

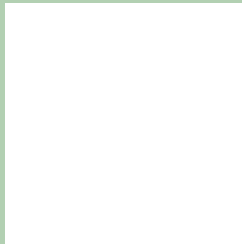
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B2D0B2 Background



This preview shows how black text looks on a background with the Hex color B2D0B2.

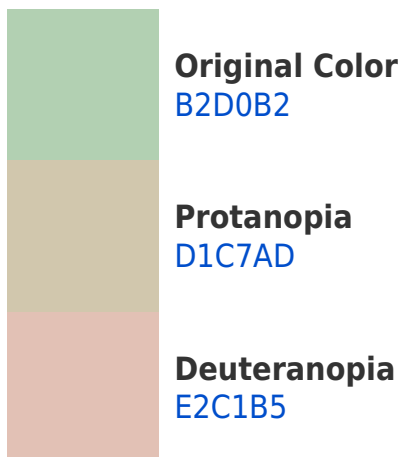


This preview shows how white text looks on a background with the Hex color B2D0B2.

# 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



**Original Color**  
B2D0B2

**Protanomaly**  
C6CAAF

**Deuteranomaly**  
D1C6B4

**Tritanomaly**  
B6CCCB

# Monochromacy



**Original Color**  
B2D0B2

**Achromatopsia**  
C4C4C4

**Achromatomaly**  
BDC8BD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B2D0B2 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 #B2D0B2 looks like.

```
.text, #text, p{  
    color:#B2D0B2  
}
```

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 #B2D0B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2D0B2
}
```

## Border

The CSS property to change the border of an element to Hex B2D0B2 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
#B2D0B2 }
```

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

```
.border{ border-color:#B2D0B2 }
```

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

Here you see how a box with a 4 pixel #B2D0B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2D0B2; -webkit-box-shadow:4px 4px  
4px 4px #B2D0B2; box-shadow:4px 4px 4px  
4px #B2D0B2 }
```

# Background

The CSS property to change the background color of an element to Hex B2D0B2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2D0B2 }
```

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

```
.background{ background-color:#B2D0B2 }
```

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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