

# Converting Colors

Hex(B2CB7F)

Have a look what the booklet for  
Hex(B2CB7F) contains.

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# **Color**

**Hex(B2CB7F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B2CB7F
RGB	178, 203, 127
RGB Percent	70%, 80%, 50%
CMY	0.3020, 0.2039, 0.5020
CMYK	0.12, 0.00, 0.37, 0.20
HSL	80°, 42%, 65%
HSV	80°, 37%, 80%
XYZ	43.5468, 53.7092, 28.1504
YIQ	186.8610, 9.4960, -28.9360

# Conversions

## Conversions Part 2

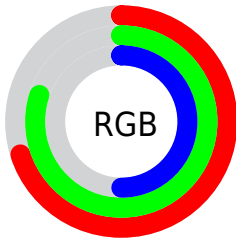
<b>Format</b>	<b>Color</b>
<b>RYB</b>	127, 203, 152
Decimal	11717503
CIELab	78.29, -20.97, 35.16
CIELCh	78, 40.942, 120.815
Yxy	53.7092, 0.3472, 0.4283
Android (android.graphics.Color)	4289907583 (0xFFB2CB7F)
YUV	186.8610, -29.5115, -7.7711
Hunter-Lab	73.2865, -22.1869, 28.5264

# Details

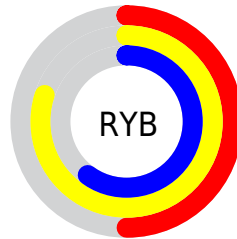
The Hex color **B2CB7F** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **987FCB**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **EBFFB5**, and **7C954C** is the 20% darker color. If you saturate the color by 10%, you get **ABCB6B**, and if you desaturate by 10%, it is **B9CB93**.

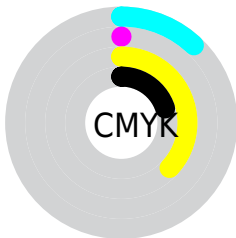
# Distribution



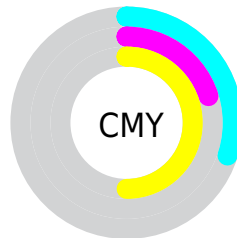
- Red (70%)
- Green (80%)
- Blue (50%)



- Red (50%)
- Yellow (80%)
- Blue (60%)



- Cyan (12%)
- Magenta (0%)
- Yellow (37%)
- Black (20%)



- Cyan (30%)
- Magenta (20%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B2CB7F 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 B2CB7F by changing the saturation by 10% instead.





B2CB7F



B2CB7F

FFFFFF



97B065



EBFFB5



7C954C



FFFFD0



627B34



FFFFED



49621C



314A03



1A3300



001F00



000000



B2CB7F



B2CB7F

 ABCB6B

 B9CB93

 A5CB56

 BFCBA8

 9ECB42

 C6CBBC

 97CB2E

 CDCBD0

 91CB1A

 D3CBE5

 8ACB05

 DACBF9

 88CB00

 E1CBFF

 E7CBFF

 EECBFF

# Harmonies

## Analogous

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



DAC075



B2CB7F



85D39B

# Triad

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



B2CB7F



49CFFF



FFA4C2

# Complementary

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



B2CB7F



987FCB

# Split Complementary

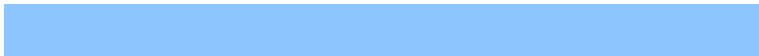
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



F2ABE7



B2CB7F



8CC5FF

# Square

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



B2CB7F



22D5E7



C7B7FF



FFA89D

# Rectangle

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



B2CB7F



63D5B4



C7B7FF



FFA5CF

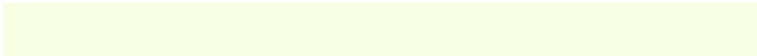


# Sweetspot

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



B2CB7F



F6FFE3



CB977F



7A806F



000000



808080

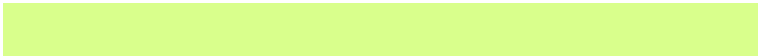


# Same Dimension

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



B2CB7F



D9FF8C



8DCB7F



63665C



6FA600



1A2600



# Inverse Universe

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



987FCB



B28CFF



BD7FCB



5F5C66



3700A6



0D0026



# Previews

## White Background



This preview shows how the Hex color B2CB7F looks on a white background.

## Color Contrast Check

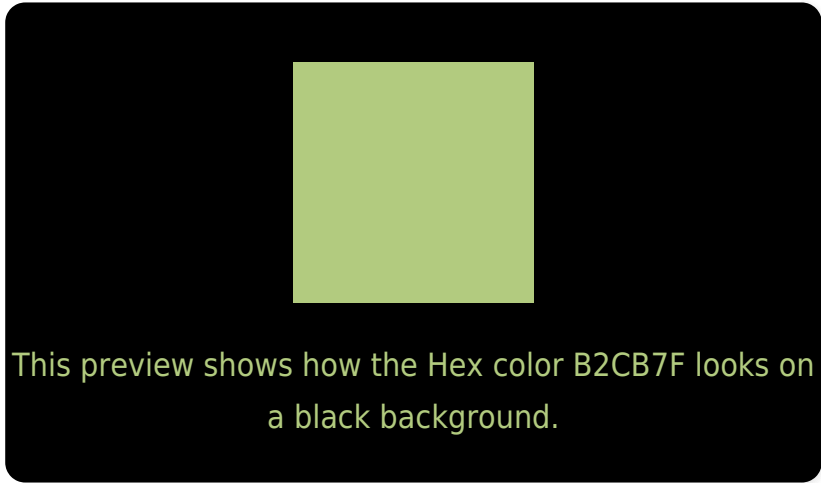
Large Text (above 18pt) WCAG AA × Fail

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

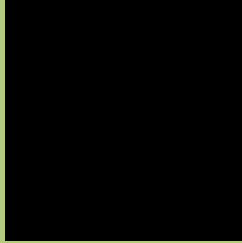
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B2CB7F Background



This preview shows how black text looks on a background with the Hex color B2CB7F.

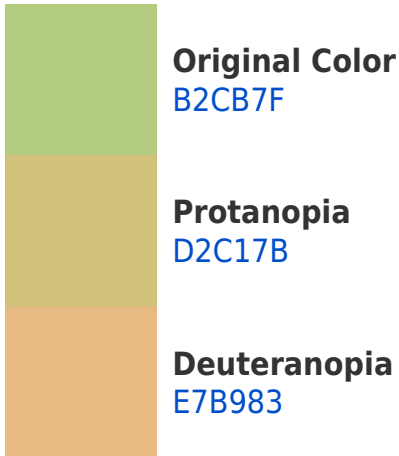


This preview shows how white text looks on a background with the Hex color B2CB7F.

# Color Blindness Simulation

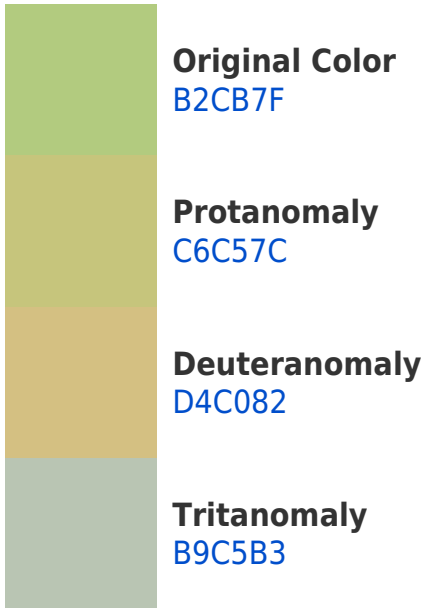
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

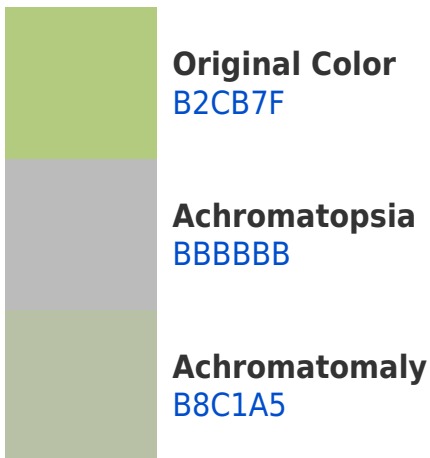




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B2CB7F 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 #B2CB7F looks like.

```
.text, #text, p{  
    color:#B2CB7F  
}
```

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 #B2CB7F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2CB7F
}
```

## Border

The CSS property to change the border of an element to Hex B2CB7F 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
#B2CB7F }
```

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

```
.border{ border-color:#B2CB7F }
```

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

Here you see how a box with a 4 pixel #B2CB7F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2CB7F; -webkit-box-shadow:4px 4px  
4px 4px #B2CB7F; box-shadow:4px 4px 4px  
4px #B2CB7F }
```

# Background

The CSS property to change the background color of an element to Hex B2CB7F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2CB7F }
```

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

```
.background{ background-color:#B2CB7F }
```

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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