

# Converting Colors

Hex(B5BF81)

Have a look what the booklet for  
Hex(B5BF81) contains.

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**Color**

**Hex(B5BF81)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B5BF81
RGB	181, 191, 129
RGB Percent	71%, 75%, 51%
CMY	0.2902, 0.2510, 0.4941
CMYK	0.05, 0.00, 0.32, 0.25
HSL	70°, 33%, 63%
HSV	70°, 32%, 75%
XYZ	41.6493, 48.6703, 27.9680
YIQ	180.9420, 13.9420, -21.4020

# Conversions

## Conversions Part 2

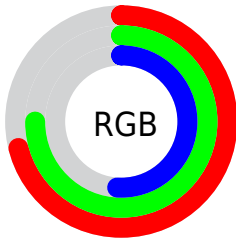
Format	Color
<a href="#">RYB</a>	<a href="#">129, 191, 139</a>
Decimal	<a href="#">11911041</a>
CIELab	<a href="#">75.25, -13.53, 30.19</a>
CIELCh	<a href="#">75, 33.077, 114.136</a>
Yxy	<a href="#">48.6703, 0.3521, 0.4115</a>
Android (android.graphics.Color)	<a href="#">4290101121 (0xFFB5BF81)</a>
YUV	<a href="#">180.9420, -25.6074, 0.0509</a>
Hunter-Lab	<a href="#">69.7641, -15.5224, 25.0659</a>

# Details

The Hex color **B5BF81** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **8B81BF**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **EDF7B6**, and **7F8A4F** is the 20% darker color. If you saturate the color by 10%, you get **B2BF6E**, and if you desaturate by 10%, it is **B8BF94**.

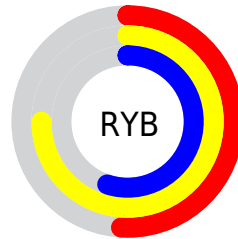
# Distribution



Red (71%)

Green (75%)

Blue (51%)



Red (51%)

Yellow (75%)

Blue (55%)

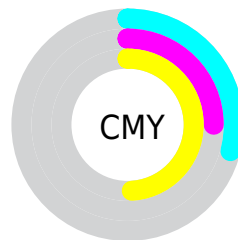


Cyan (5%)

Magenta (0%)

Yellow (32%)

Black (25%)



Cyan (29%)

Magenta (25%)

Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B5BF81 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 B5BF81 by changing the saturation by 10% instead.





B5BF81



B5BF81

FFFFFF



9AA467



EDF7B6



7F8A4F



FFFFD2



667037



FFFEEF



4D5820



354008



1F2A00



001700



000000



B5BF81



B5BF81

 B2BF6E

 B8BF94

 AFBF5B

 BBBFA7

 ACBF48

 BEBFBA

 A9BF35

 C1BFCD

 A6BF21

 C4BFE1

 A3BF0E

 C7BFF4

 A0BF00

 CBBFFF

 CEBFFF

 D1BFFF

# Harmonies

## Analogous

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



D4B57D



B5BF81



92C695

# Triad

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



B5BF81



60C6EA



F1A3C1

# Complementary

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



B5BF81



8B81BF

# 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.



DAA9DD



B5BF81



88BEF5

# Square

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



B5BF81



56CAD1



B5B4F1



F6A4A2

# Rectangle

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



B5BF81



7AC9A8



B5B4F1



EBA4CB

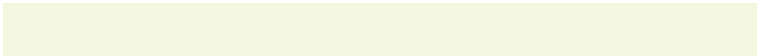


# Sweetspot

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



B5BF81



F3F7DF



BF8A81



7B7D6E



FCFCFC



7D7D7D



# Same Dimension

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



B5BF81



E8F797



97BF81



5D5E55



859E00



1A1F00



# Inverse Universe

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



8B81BF



A697F7



A981BF



56555E



1A009E



05001F



# Previews

## White Background



This preview shows how the Hex color B5BF81 looks on a white background.

## Color Contrast Check

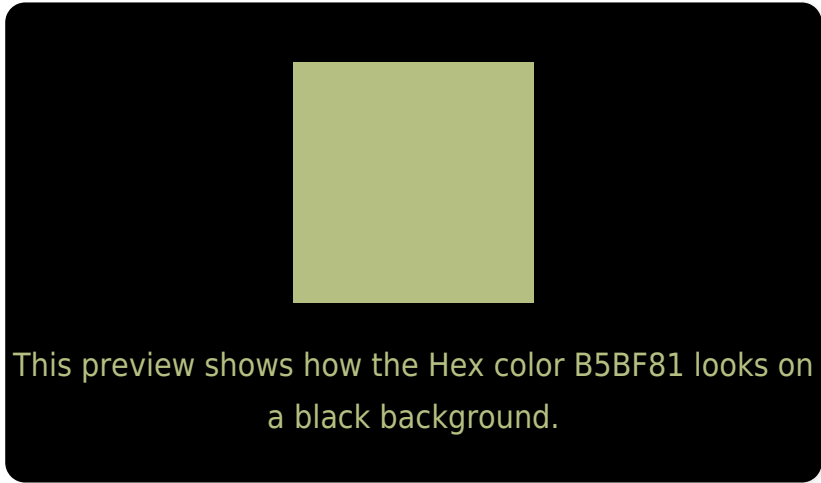
Large Text (above 18pt) WCAG AA × Fail

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

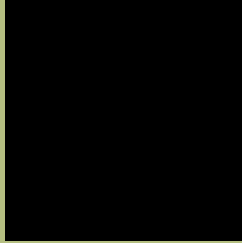
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B5BF81 Background



This preview shows how black text looks on a background with the Hex color B5BF81.

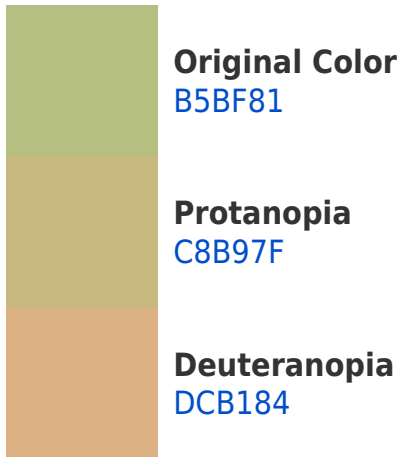


This preview shows how white text looks on a background with the Hex color B5BF81.

# 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



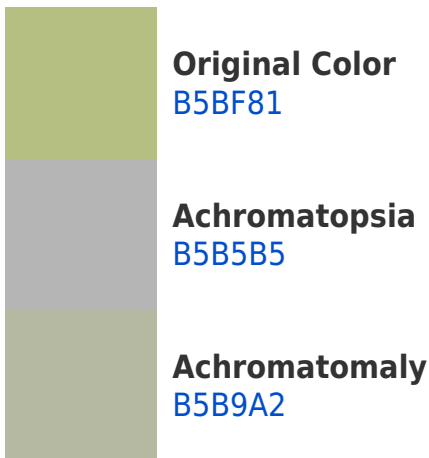


**Tritanopia**  
BEB6C5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B5BF81 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 #B5BF81 looks like.

```
.text, #text, p{  
    color:#B5BF81  
}
```

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 #B5BF81 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5BF81
}
```

## Border

The CSS property to change the border of an element to Hex B5BF81 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
#B5BF81 }
```

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

```
.border{ border-color:#B5BF81 }
```

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

Here you see how a box with a 4 pixel #B5BF81 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5BF81; -webkit-box-shadow:4px 4px  
4px 4px #B5BF81; box-shadow:4px 4px 4px  
4px #B5BF81 }
```

# Background

The CSS property to change the background color of an element to Hex B5BF81 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5BF81 }
```

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

```
.background{ background-color:#B5BF81 }
```

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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