

# Converting Colors

Hex(B5B37F)

Have a look what the booklet for  
Hex(B5B37F) contains.

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# **Color**

**Hex(B5B37F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B5B37F
RGB	181, 179, 127
RGB Percent	71%, 70%, 50%
CMY	0.2902, 0.2980, 0.5020
CMYK	0.00, 0.01, 0.30, 0.29
HSL	58°, 27%, 60%
HSV	58°, 30%, 71%
XYZ	39.0069, 43.5963, 26.4377
YIQ	173.6700, 17.8840, -15.7480

# Conversions

## Conversions Part 2

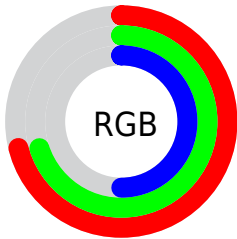
Format	Color
<a href="#">RYB</a>	<a href="#">129, 181, 127</a>
Decimal	<a href="#">11907967</a>
CIELab	<a href="#">71.96, -7.56, 26.88</a>
CIELCh	<a href="#">72, 27.922, 105.711</a>
Yxy	<a href="#">43.5963, 0.3577, 0.3998</a>
Android (android.graphics.Color)	<a href="#">4290098047</a> ( <a href="#">0xFFB5B37F</a> )
YUV	<a href="#">173.6700, -23.0083, 6.4284</a>
Hunter-Lab	<a href="#">66.0275, -10.0960, 22.4792</a>

# Details

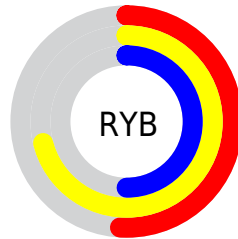
The Hex color **B5B37F** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **7F81B5**, and the grayscale version is **AEAFAE**.

A 20% lighter version of the original color is **EDEBB4**, and **7F7E4D** is the 20% darker color. If you saturate the color by 10%, you get **B5B26D**, and if you desaturate by 10%, it is **B5B491**.

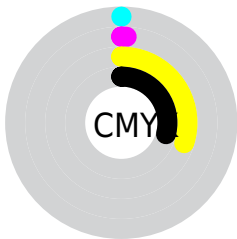
# Distribution



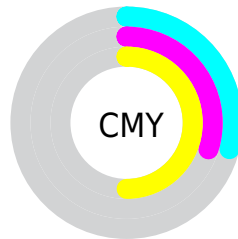
- Red (71%)
- Green (70%)
- Blue (50%)



- Red (51%)
- Yellow (71%)
- Blue (50%)



- Cyan (0%)
- Magenta (1%)
- Yellow (30%)
- Black (29%)



- Cyan (29%)
- Magenta (30%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B5B37F 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 B5B37F by changing the saturation by 10% instead.





B5B37F



B5B37F

FFFFFF



9A9866



EDEBB4



7F7E4D



FFFFD0



666536



FFFEC



4D4E1F



353708



1F2200



000D00



000000



B5B37F



B5B37F

 B5B26D

 B5B491

 B5B25B

 B5B4A3

 B5B149

 B5B5B5

 B5B037

 B5B6C7

 B5B025

 B5B6DA

 B5AF12

 B5B7EC

 B5AE00

 B5B8FE

 B5B8FF

 B5B9FF

# Harmonies

## Analogous

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



CEAB7F



B5B37F



98BA8C

# Triad

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



B5B37F



66BCD4



DB9FBE

# Complementary

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



B5B37F



7F81B5

# 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.



C5A5D4



B5B37F



7FB6E1

# Square

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



B5B37F



66BFBD



A3AEE1



E49EA4

# Rectangle

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



B5B37F



85BD9B



A3AEE1



D5A1C6



# Sweetspot

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



B5B37F



EBEAD5



B57F82



757568



F5F5F5



757575



# Same Dimension

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



B5B37F



EBE796



9DB57F



595950



999300



1A1900



# Inverse Universe

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



7F81B5



9699EB



977FB5



505159



000699



00011A



# Previews

## White Background



This preview shows how the Hex color B5B37F looks on a white background.

## Color Contrast Check

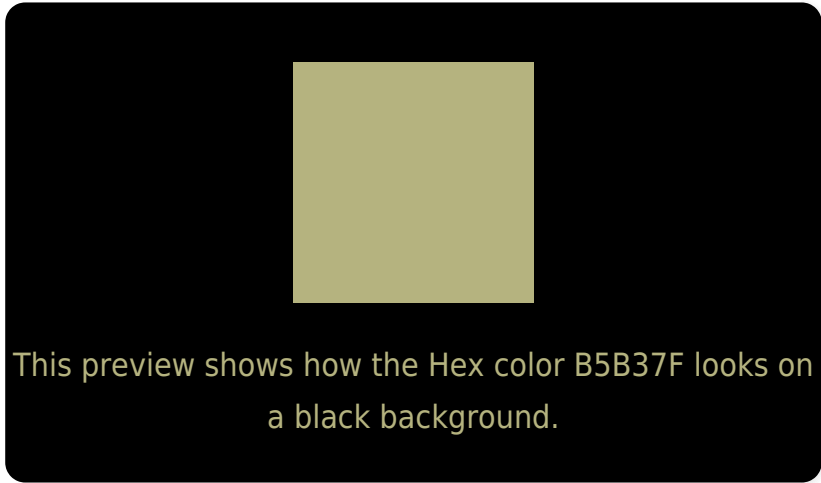
Large Text (above 18pt) WCAG AA × Fail

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

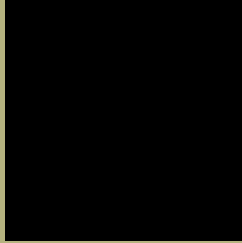
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

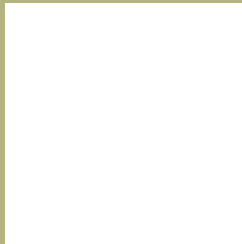
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B5B37F Background



This preview shows how black text looks on a background with the Hex color B5B37F.



This preview shows how white text looks on a background with the Hex color B5B37F.

# Color Blindness Simulation

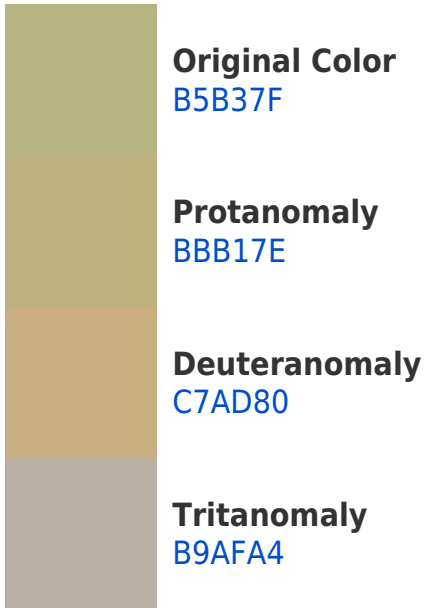
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

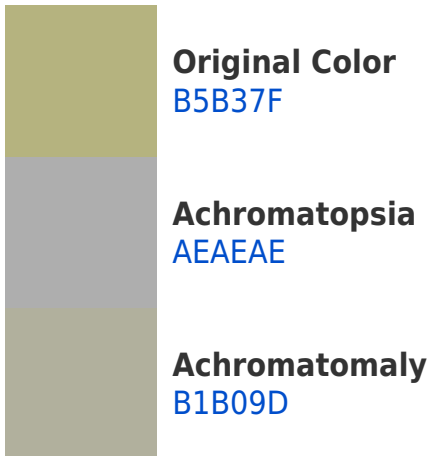




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B5B37F 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 #B5B37F looks like.

```
.text, #text, p{  
    color:#B5B37F  
}
```

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 #B5B37F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5B37F
}
```

## Border

The CSS property to change the border of an element to Hex B5B37F 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
#B5B37F }
```

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

```
.border{ border-color:#B5B37F }
```

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

Here you see how a box with a 4 pixel #B5B37F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5B37F; -webkit-box-shadow:4px 4px  
4px 4px #B5B37F; box-shadow:4px 4px 4px  
4px #B5B37F }
```

# Background

The CSS property to change the background color of an element to Hex B5B37F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5B37F }
```

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

```
.background{ background-color:#B5B37F }
```

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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