

# Converting Colors

Hex(B3B153)

Have a look what the booklet for  
Hex(B3B153) contains.

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**Color**

**Hex(B3B153)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B3B153
RGB	179, 177, 83
RGB Percent	70%, 69%, 33%
CMY	0.2980, 0.3059, 0.6745
CMYK	0.00, 0.01, 0.54, 0.30
HSL	59°, 39%, 51%
HSV	59°, 54%, 70%
XYZ	35.8739, 41.6525, 14.3326
YIQ	166.8820, 31.3660, -28.8100

# Conversions

## Conversions Part 2

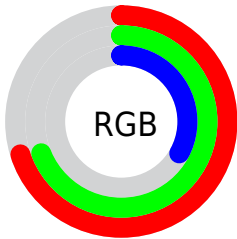
Format	Color
<a href="#">RYB</a>	<a href="#">85, 179, 83</a>
Decimal	<a href="#">11776339</a>
CIELab	<a href="#">70.63, -12.07, 47.62</a>
CIElCh	<a href="#">71, 49.130, 104.219</a>
Yxy	<a href="#">41.6525, 0.3905, 0.4534</a>
Android (android.graphics.Color)	<a href="#">4289966419</a> ( <a href="#">0xFFB3B153</a> )
YUV	<a href="#">166.8820, -41.3538, 10.6275</a>
Hunter-Lab	<a href="#">64.5388, -13.7236, 32.0102</a>

# Details

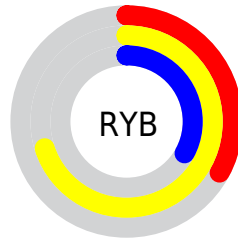
The Hex color **B3B153** is a light color, and the websafe version is hex **999933**. A complement of this color would be **5355B3**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **EDE887**, and **7C7D1F** is the 20% darker color. If you saturate the color by 10%, you get **B3B141**, and if you desaturate by 10%, it is **B3B165**.

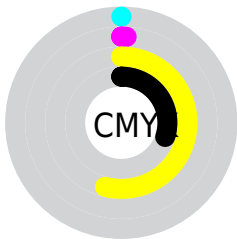
# Distribution



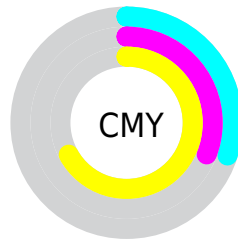
- Red (70%)
- Green (69%)
- Blue (33%)



- Red (33%)
- Yellow (70%)
- Blue (33%)



- Cyan (0%)
- Magenta (1%)
- Yellow (54%)
- Black (30%)



- Cyan (30%)
- Magenta (31%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B3B153 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 B3B153 by changing the saturation by 10% instead.





B3B153



B3B153

FFFFFF



97963A



EDE887



7C7D1F



FFFFA2



616400



FFFFBE



484C00



FFFFDA



2F3500



FFFFF7



162000



000400



000000



B3B153



B3B153

 B3B141

 B3B165

 B3B02F

 B3B277

 B3B01D

 B3B289

 B3B00B

 B3B29B

 B3AF00

 B3B3AC

 B3B3BE

 B3B4D0

 B3B4E2

 B3B4F4

# Harmonies

## Analogous

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



DCA256



B3B153



81BC6A

# Triad

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



B3B153



00C1EA



F48BC6

# Complementary

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



B3B153



5355B3

# 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.



CC99ED



B3B153



00B8FF

# Square

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



B3B153



00C4C1



8AAAFF



FF8899

# Rectangle

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



B3B153



57C184



8AAAFF



E98FD4



# Sweetspot

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



B3B153



E8E7C3



B35356



75755F



F5F5F5



757575



# Same Dimension

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



B3B153



E8E554



86B353



595950



999600



1A1900



# Inverse Universe

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



5355B3



5457E8



8053B3



505159



000399



00011A



# Previews

## White Background



This preview shows how the Hex color B3B153 looks on a white background.

## Color Contrast Check

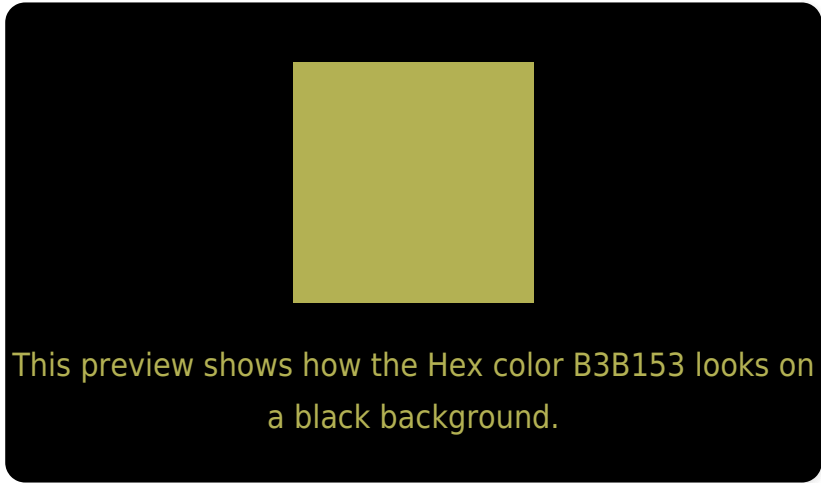
Large Text (above 18pt) WCAG AA × Fail

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

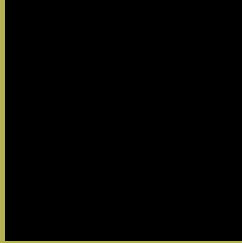
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B3B153 Background



This preview shows how black text looks on a background with the Hex color B3B153.

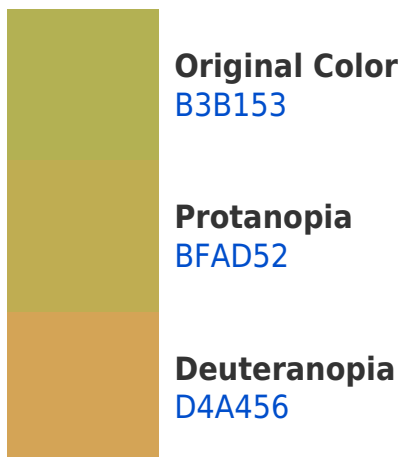


This preview shows how white text looks on a background with the Hex color B3B153.

# 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](#).

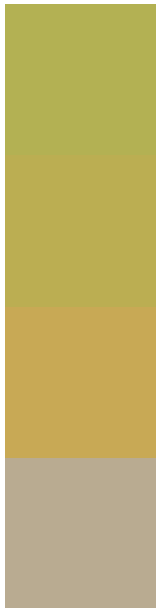
## Dichromacy





**Tritanopia**  
BDA7B4

# Trichromacy



**Original Color**  
B3B153

**Protanomaly**  
BBAE52

**Deuteranomaly**  
C8A955

**Tritanomaly**  
B9AB91

# Monochromacy



**Original Color**  
B3B153

**Achromatopsia**  
A7A7A7

**Achromatomaly**  
ABAB88

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B3B153 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 #B3B153 looks like.

```
.text, #text, p{  
    color:#B3B153  
}
```

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 #B3B153 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B3B153
}
```

## Border

The CSS property to change the border of an element to Hex B3B153 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
#B3B153 }
```

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

```
.border{ border-color:#B3B153 }
```

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

Here you see how a box with a 4 pixel #B3B153 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B3B153; -webkit-box-shadow:4px 4px  
4px 4px #B3B153; box-shadow:4px 4px 4px  
4px #B3B153 }
```

# Background

The CSS property to change the background color of an element to Hex B3B153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B3B153 }
```

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

```
.background{ background-color:#B3B153 }
```

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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