

# Converting Colors

Hex(B7B352)

Have a look what the booklet for  
Hex(B7B352) contains.

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**Color**

**Hex(B7B352)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B7B352
RGB	183, 179, 82
RGB Percent	72%, 70%, 32%
CMY	0.2824, 0.2980, 0.6784
CMYK	0.00, 0.02, 0.55, 0.28
HSL	58°, 41%, 52%
HSV	58°, 55%, 72%
XYZ	37.1715, 42.9167, 14.3072
YIQ	169.1380, 33.5210, -29.3190

# Conversions

## Conversions Part 2

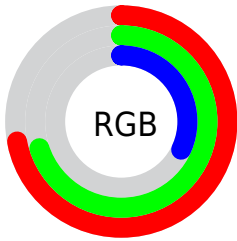
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	86, 183, 82
Decimal	12038994
CIE <sub>Lab</sub>	71.50, -11.50, 49.18
CIE <sub>LCh</sub>	71, 50.508, 103.164
Yxy	42.9167, 0.3938, 0.4546
Android (android.graphics.Color)	4290229074 (0xFFB7B352)
YUV	169.1380, -42.9590, 12.1570
Hunter-Lab	65.5108, -13.3612, 32.9089

# Details

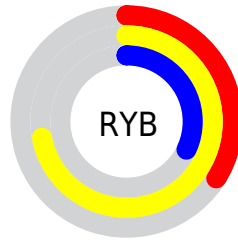
The Hex color **B7B352** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **5256B7**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **F1EB86**, and **807F1E** is the 20% darker color. If you saturate the color by 10%, you get **B7B240**, and if you desaturate by 10%, it is **B7B464**.

# Distribution



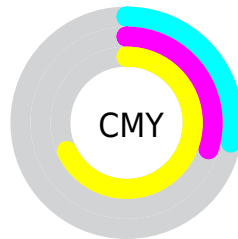
- Red (72%)
- Green (70%)
- Blue (32%)



- Red (34%)
- Yellow (72%)
- Blue (32%)



- Cyan (0%)
- Magenta (2%)
- Yellow (55%)
- Black (28%)



- Cyan (28%)
- Magenta (30%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B7B352 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 B7B352 by changing the saturation by 10% instead.





B7B352



B7B352

FFFFFF



9B9838



F1EB86



807F1E



FFFFA1



656600



FFFFBD



4B4E00



FFFFDA



323700



FFFFF6



192200



000A00



000000



B7B352



B7B352

 B7B240

 B7B464

 B7B22D

 B7B477

 B7B11B

 B7B589

 B7B009

 B7B69B

 B7B000

 B7B7AE

 B7B7C0

 B7B8D2

 B7B9E4

 B7BAF7

# Harmonies

## Analogous

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



E0A356



B7B352



84BE6A

# Triad

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



B7B352



00C4ED



F78CCB

# Complementary

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



B7B352



5256B7

# 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.



CD9BF3



B7B352



00BBFF

# Square

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



B7B352



00C7C3



87ADFF



FF899C

# Rectangle

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



B7B352



59C384



87ADFF



EC90DA



# Sweetspot

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



B7B352



EDECC5



B75257



787760



F7F7F7



787878



# Same Dimension

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



B7B352



EDE751



8AB752



5C5B53



9C9500



1C1B00



# Inverse Universe

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



5256B7



5157ED



7F52B7



53535C



00069C



00011C



# Previews

## White Background



This preview shows how the Hex color B7B352 looks on a white background.

## Color Contrast Check

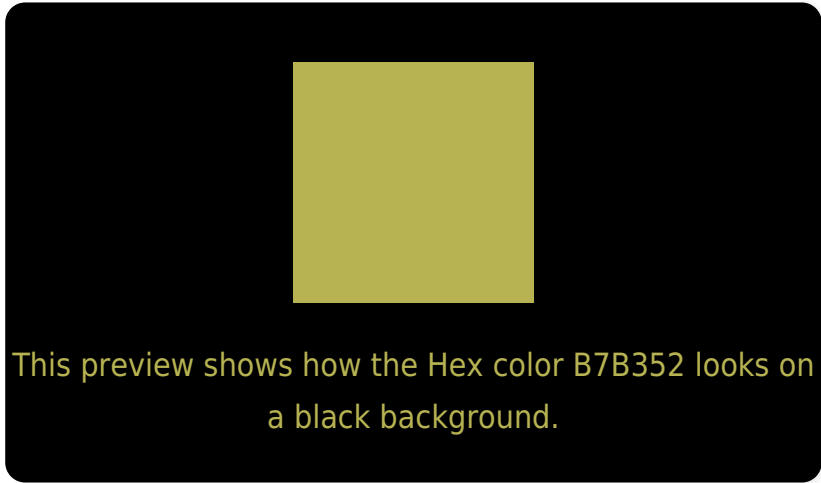
Large Text (above 18pt) WCAG AA × Fail

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

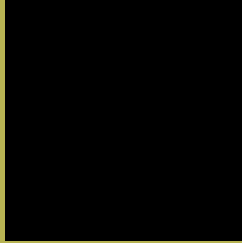
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B7B352 Background



This preview shows how black text looks on a background with the Hex color B7B352.

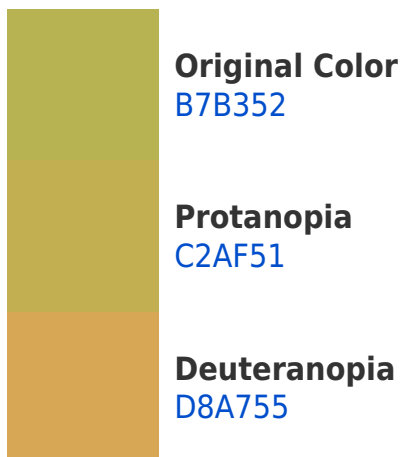


This preview shows how white text looks on a background with the Hex color B7B352.

# 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](#).

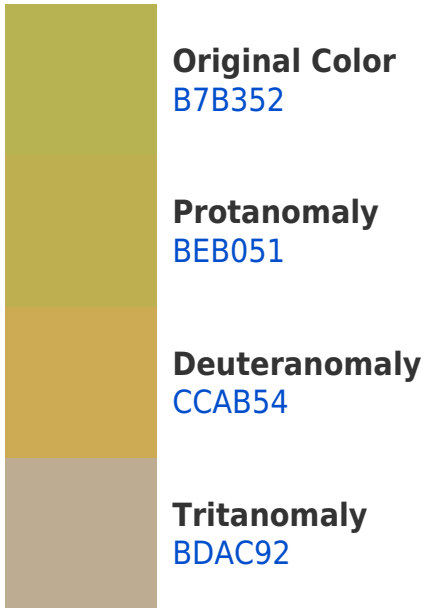
## Dichromacy





**Tritanopia**  
C1A8B6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B7B352 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 #B7B352 looks like.

```
.text, #text, p{  
    color:#B7B352  
}
```

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 #B7B352 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7B352
}
```

## Border

The CSS property to change the border of an element to Hex B7B352 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
#B7B352 }
```

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

```
.border{ border-color:#B7B352 }
```

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

Here you see how a box with a 4 pixel #B7B352 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7B352; -webkit-box-shadow:4px 4px  
4px 4px #B7B352; box-shadow:4px 4px 4px  
4px #B7B352 }
```

# Background

The CSS property to change the background color of an element to Hex B7B352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7B352 }
```

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

```
.background{ background-color:#B7B352 }
```

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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