

Converting Colors

Hex(B7AB33)

Have a look what the booklet for
Hex(B7AB33) contains.

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Color

Hex(B7AB33)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | B7AB33 |
| RGB | 183, 171, 51 |
| RGB Percent | 72%, 67%, 20% |
| CMY | 0.2824, 0.3294, 0.8000 |
| CMYK | 0.00, 0.07, 0.72, 0.28 |
| HSL | 55°, 56%, 46% |
| HSV | 55°, 72%, 72% |
| XYZ | 34.6889, 39.4321, 8.9148 |
| YIQ | 160.9080, 45.6720, -34.7760 |

Conversions

Conversions Part 2

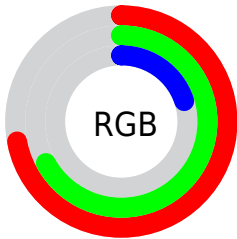
| Format | Color |
|-------------------------------------|---|
| RYB | 64, 183, 51 |
| Decimal | 12036915 |
| CIELab | 69.06, -9.33, 59.82 |
| CIELCh | 69, 60.539, 98.869 |
| Yxy | 39.4321, 0.4178, 0.4749 |
| Android (android.graphics.Color) | 4290226995 (0xFFB7AB33) |
| YUV | 160.9080, -54.1846, 19.3747 |
| Hunter-Lab | 62.7950, -11.2852, 35.5393 |

Details

The Hex color **B7AB33** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **333FB7**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **F2E269**, and **7E7700** is the 20% darker color. If you saturate the color by 10%, you get **B7A921**, and if you desaturate by 10%, it is **B7AD45**.

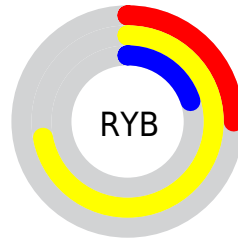
Distribution



Red (72%)

Green (67%)

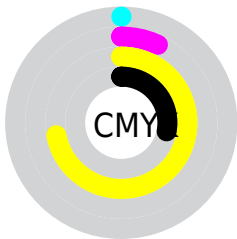
Blue (20%)



Red (25%)

Yellow (72%)

Blue (20%)

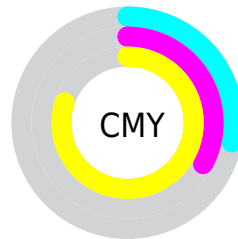


Cyan (0%)

Magenta (7%)

Yellow (72%)

Black (28%)



Cyan (28%)

Magenta (33%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color B7AB33 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 B7AB33 by changing the saturation by 10% instead.

 B7AB33

 B7AB33

FFFFFF

 9A9113

 F2E269

 7E7700

 FFFF84

 635F00

 FFFFA0

 484700

 FFFFBC

 2E3100

 FFFFD9

 161C00

 FFFFF6

 000000

 B7AB33

 B7AB33

 B7A921

 B7AD45

 B7A80E

 B7AE58

 B7A600

 B7B06A

 B7B27C

 B7B38F

 B7B5A1

 B7B7B3

 B7B8C5

 B7BAD8

Harmonies

Analogous

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



E6983F



B7AB33



7CB94E

Triad

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



B7AB33



00C1EC



F87ED1

Complementary

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



B7AB33



333FB7

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.



C193FE



B7AB33



00B9FF

Square

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



B7AB33



00C3B8



5CA9FF



FF779A

Rectangle

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



B7AB33



44BF6D



5CA9FF



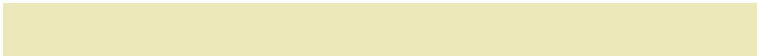
E984E2

Sweetspot

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



B7AB33



EDE8B9



B73340



787559



F7F7F7



787878

Same Dimension

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



B7AB33



EDDA1F



82B733



5C5B53



9C8D00



1C1A00

Inverse Universe

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



333FB7



1F32ED



6833B7



53535C



000E9C



00031C

Previews

White Background



This preview shows how the Hex color B7AB33 looks on a white background.

Color Contrast Check

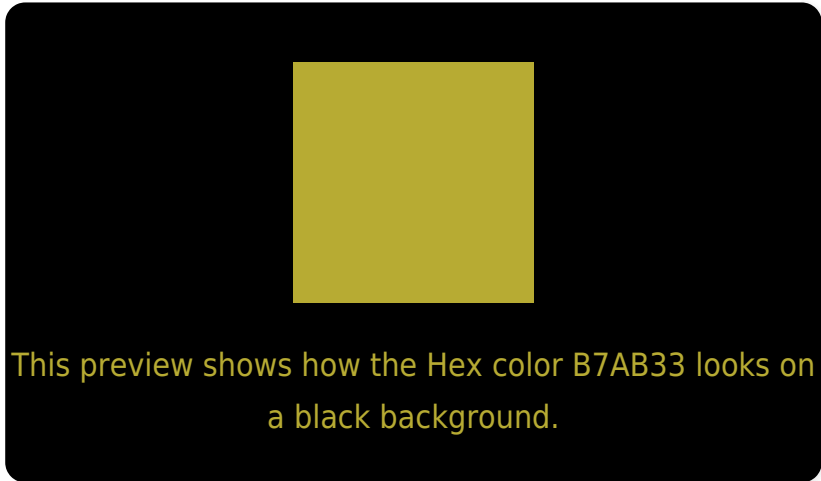
Large Text (above 18pt) WCAG AA × Fail

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 B7AB33 Background



This preview shows how black text looks on a background with the Hex color B7AB33.



This preview shows how white text looks on a background with the Hex color B7AB33.

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



Original Color
B7AB33

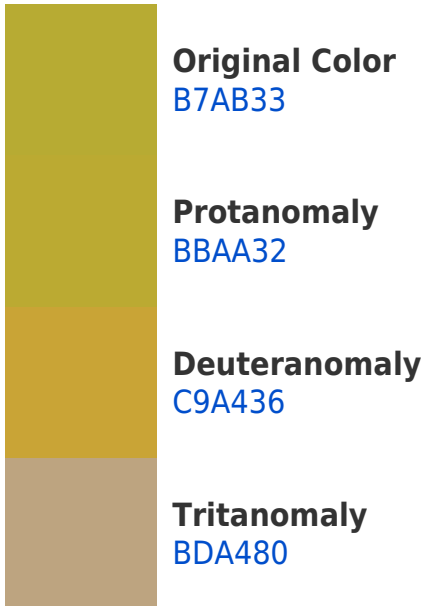
Protanopia
BDA932

Deuteranopia
D3A037

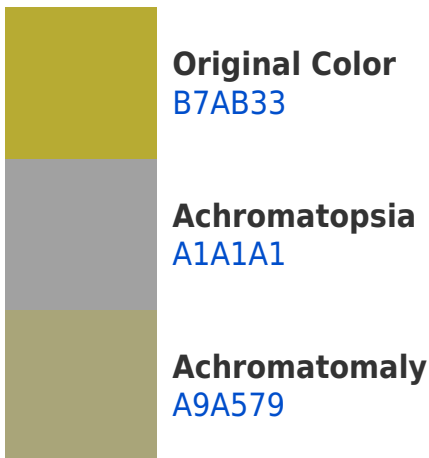


Tritanopia
C1A0AC

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B7AB33 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 #B7AB33 looks like.

```
.text, #text, p{  
    color:#B7AB33  
}
```

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 #B7AB33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7AB33
}
```

Border

The CSS property to change the border of an element to Hex B7AB33 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
#B7AB33 }
```

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

```
.border{ border-color:#B7AB33 }
```

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

Here you see how a box with a 4 pixel #B7AB33 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7AB33; -webkit-box-shadow:4px 4px  
4px 4px #B7AB33; box-shadow:4px 4px 4px  
4px #B7AB33 }
```

Background

The CSS property to change the background color of an element to Hex B7AB33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7AB33 }
```

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

```
.background{ background-color:#B7AB33 }
```

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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