

Converting Colors

Hex(B7AB40)

Have a look what the booklet for
Hex(B7AB40) contains.

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Color

Hex(B7AB40)

Conversions

Conversions Part 1

Format	Color
Hex	B7AB40
RGB	183, 171, 64
RGB Percent	72%, 67%, 25%
CMY	0.2824, 0.3294, 0.7490
CMYK	0.00, 0.07, 0.65, 0.28
HSL	54°, 48%, 48%
HSV	54°, 65%, 72%
XYZ	35.0168, 39.5633, 10.6414
YIQ	162.3900, 41.4990, -30.7330

Conversions

Conversions Part 2

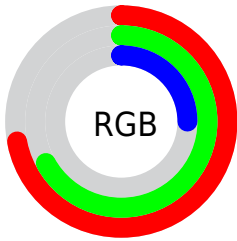
Format	Color
RYB	77, 183, 64
Decimal	12036928
CIELab	69.16, -8.62, 54.70
CIELCh	69, 55.373, 98.954
Yxy	39.5633, 0.4109, 0.4642
Android (android.graphics.Color)	4290227008 (0xFFB7AB40)
YUV	162.3900, -48.5063, 18.0750
Hunter-Lab	62.8993, -10.7009, 33.9988

Details

The Hex color **B7AB40** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **404CB7**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **F1E275**, and **7F7700** is the 20% darker color. If you saturate the color by 10%, you get **B7A92E**, and if you desaturate by 10%, it is **B7AD52**.

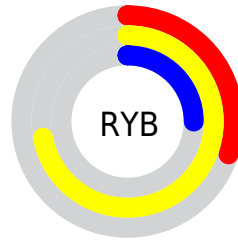
Distribution



Red (72%)

Green (67%)

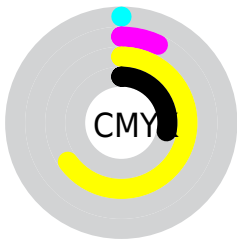
Blue (25%)



Red (30%)

Yellow (72%)

Blue (25%)

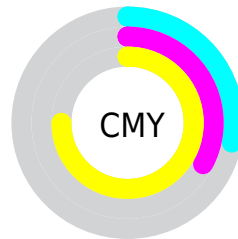


Cyan (0%)

Magenta (7%)

Yellow (65%)

Black (28%)



Cyan (28%)

Magenta (33%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color B7AB40 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 B7AB40 by changing the saturation by 10% instead.

 B7AB40

 B7AB40

FFFFFF

 9B9125

 F1E275

 7F7700

 FFFF90

 645F00

 FFFFAB

 4A4700

 FFFFC7

 303100

 FFFFE4

 171C00

 000000

 B7AB40

 B7AB40

 B7A92E

 B7AD52

 B7A71B

 B7AF65

 B7A509

 B7B177

 B7A500

 B7B289

 B7B49B

 B7B6AE

 B7B8C0

 B7BAD2

 B7BCE5

Harmonies

Analogous

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



E2994A



B7AB40



81B857

Triad

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



B7AB40



00C0E7



F283CE

Complementary

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



B7AB40



404CB7

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.



C095F7



B7AB40



00B8FF

Square

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



B7AB40



00C2B7



6AA9FF



FF7D9C

Rectangle

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



B7AB40



52BD73



6AA9FF



E588DD

Sweetspot

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



B7AB40



EDE8BE



B7404E



78755B



F7F7F7



787878

Same Dimension

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



B7AB40



EDDA34



89B740



5C5B53



9C8C00



1C1900

Inverse Universe

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



404CB7



3447ED



6E40B7



53545C



00109C



00031C

Previews

White Background



This preview shows how the Hex color B7AB40 looks on a white background.

Color Contrast Check

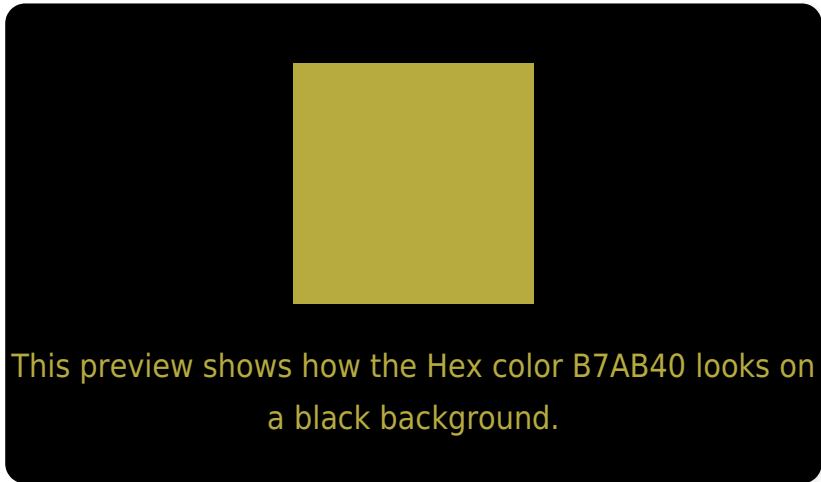
Large Text (above 18pt) WCAG AA × Fail

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 B7AB40 Background



This preview shows how black text looks on a background with the Hex color B7AB40.



This preview shows how white text looks on a background with the Hex color B7AB40.

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

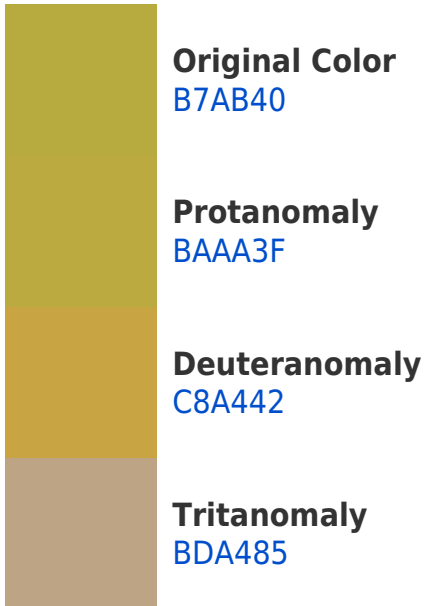


Original Color
B7AB40

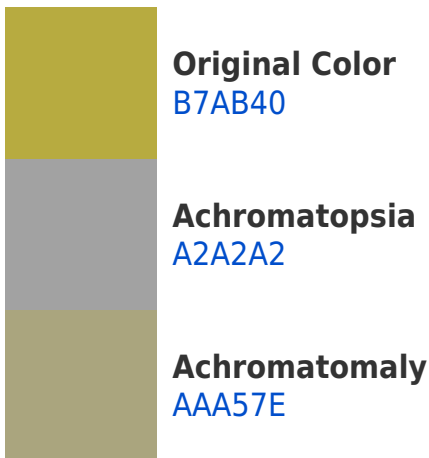
Protanopia
BCA93F

Deuteranopia
D2A043

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B7AB40 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 #B7AB40 looks like.

```
.text, #text, p{  
    color:#B7AB40  
}
```

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 #B7AB40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7AB40
}
```

Border

The CSS property to change the border of an element to Hex B7AB40 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
#B7AB40 }
```

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

```
.border{ border-color:#B7AB40 }
```

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

Here you see how a box with a 4 pixel #B7AB40 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7AB40; -webkit-box-shadow:4px 4px  
4px 4px #B7AB40; box-shadow:4px 4px 4px  
4px #B7AB40 }
```

Background

The CSS property to change the background color of an element to Hex B7AB40 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7AB40 }
```

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

```
.background{ background-color:#B7AB40 }
```

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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