

Converting Colors

Hex(B47B3A)

Have a look what the booklet for
Hex(B47B3A) contains.

Hex(B47B3A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B47B3A)

Conversions

Conversions Part 1

Format	Color
Hex	B47B3A
RGB	180, 123, 58
RGB Percent	71%, 48%, 23%
CMY	0.2941, 0.5176, 0.7725
CMYK	0.00, 0.32, 0.68, 0.29
HSL	32°, 51%, 47%
HSV	32°, 68%, 71%
XYZ	26.6691, 24.1747, 7.2636
YIQ	132.6330, 54.8370, -8.1310

Conversions

Conversions Part 2

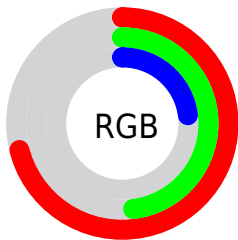
Format	Color
R_{YB}	165, 180, 58
Decimal	11828026
CIE Lab	56.26, 15.86, 43.48
CIE LCh	56, 46.279, 69.958
Yxy	24.1747, 0.4590, 0.4160
Android (android.graphics.Color)	4290018106 (0xFFB47B3A)
YUV	132.6330, -36.7941, 41.5409
Hunter-Lab	49.1678, 10.7765, 25.6585

Details

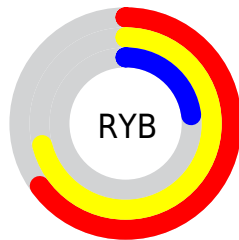
The Hex color **B47B3A** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **3A73B4**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **EFB06C**, and **7B4A06** is the 20% darker color. If you saturate the color by 10%, you get **B47328**, and if you desaturate by 10%, it is **B4834C**.

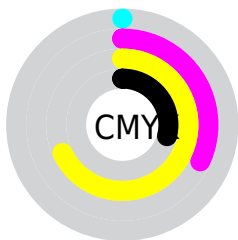
Distribution



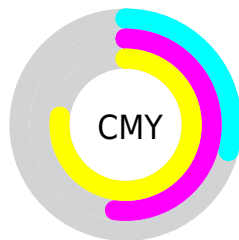
- Red (71%)
- Green (48%)
- Blue (23%)



- Red (65%)
- Yellow (71%)
- Blue (23%)



- Cyan (0%)
- Magenta (32%)
- Yellow (68%)
- Black (29%)



- Cyan (29%)
- Magenta (52%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color B47B3A 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 B47B3A by changing the saturation by 10% instead.

 B47B3A

 B47B3A

FFFFFF

 976222

 EFB06C

 7B4A06

 FFCB86

 603300

 FFE7A1

 441E00

 FFFFBC

 2B0900

 FFFFD8

 000000

 FFFFF5

 B47B3A

 B47B3A

 B47328

 B4834C

 B46A16

 B48C5E

 B46204

 B49470

 B46000

 B49D82

 B4A594

 B4ADA6

 B4B6B8

 B4BECA

 B4C7DC

Harmonies

Analogous

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



CB6C55



B47B3A



918933

Triad

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



B47B3A



009B94



9B77C5

Complementary

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



B47B3A



3A73B4

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.



5887D6



B47B3A



0099BA

Square

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



B47B3A



21996A



0093D2



C268A3

Rectangle

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



B47B3A



75903E



0093D2



897CCD

Sweetspot

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



B47B3A



EBD5BC



B43A75



756859



F5F5F5



757575

Same Dimension

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



B47B3A



EB922D



B2B43A



595550



995200



1A0E00

Inverse Universe

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



3A73B4



2D85EB



3C3AB4



505459



004799



000C1A

Previews

White Background



This preview shows how the Hex color B47B3A looks on a white background.

Color Contrast Check

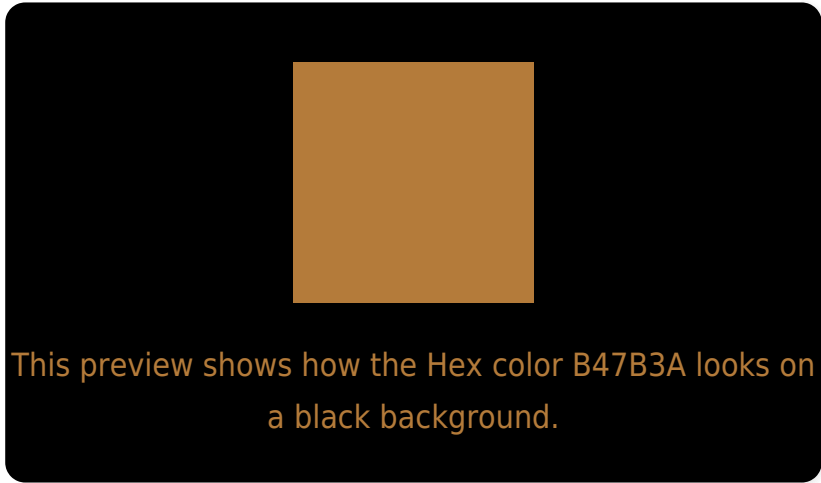
Large Text (above 18pt) WCAG AA ✓ Pass

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

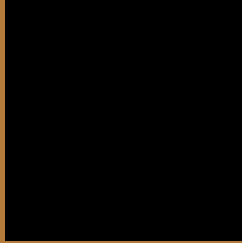
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex B47B3A Background



This preview shows how black text looks on a background with the Hex color B47B3A.



This preview shows how white text looks on a background with the Hex color B47B3A.

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

B47B3A

Protanopia

96873E

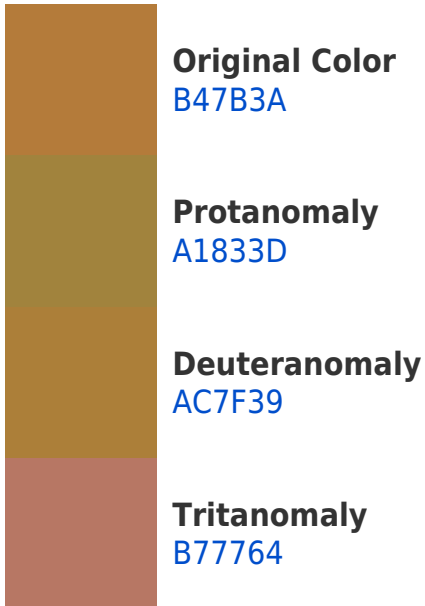
Deuteranopia

A88138

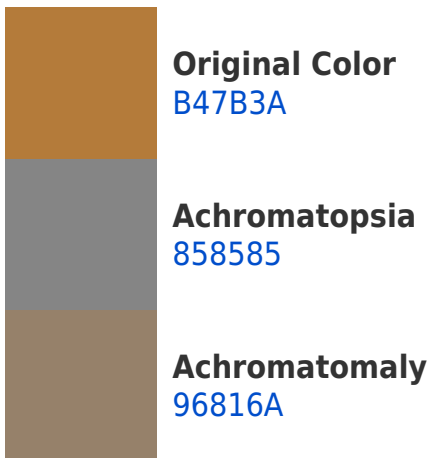


Tritanopia
B8747C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B47B3A 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 #B47B3A looks like.

```
.text, #text, p{  
    color:#B47B3A  
}
```

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 #B47B3A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B47B3A
}
```

Border

The CSS property to change the border of an element to Hex B47B3A is called "border". The border property can be set on classes, ids or directly on the HTML element.

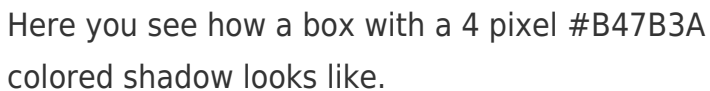
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B47B3A }
```

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

```
.border{ border-color:#B47B3A }
```

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



Here you see how a box with a 4 pixel #B47B3A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B47B3A; -webkit-box-shadow:4px 4px  
4px 4px #B47B3A; box-shadow:4px 4px 4px  
4px #B47B3A }
```

Background

The CSS property to change the background color of an element to Hex B47B3A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B47B3A }
```

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

```
.background{ background-color:#B47B3A }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor