

# Converting Colors

Hex(B47F3F)

Have a look what the booklet for  
Hex(B47F3F) contains.

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**Color**

**Hex(B47F3F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B47F3F
RGB	180, 127, 63
RGB Percent	71%, 50%, 25%
CMY	0.2941, 0.5020, 0.7529
CMYK	0.00, 0.29, 0.65, 0.29
HSL	33°, 48%, 48%
HSV	33°, 65%, 71%
XYZ	27.3090, 25.2409, 8.1353
YIQ	135.5510, 52.1320, -8.6680

# Conversions

## Conversions Part 2

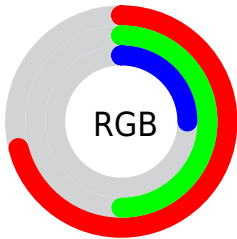
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	160, 180, 63
Decimal	11829055
CIE <sub>Lab</sub>	57.31, 13.94, 42.16
CIE <sub>LCh</sub>	57, 44.405, 71.698
Yxy	25.2409, 0.4500, 0.4159
Android (android.graphics.Color)	4290019135 (0xFFB47F3F)
YUV	135.5510, -35.7676, 38.9818
Hunter-Lab	50.2403, 9.1060, 25.5676

# Details

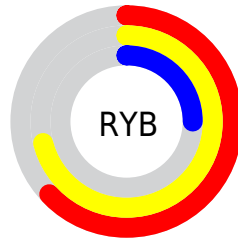
The Hex color **B47F3F** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **3F74B4**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **EFB471**, and **7B4E0D** is the 20% darker color. If you saturate the color by 10%, you get **B4772D**, and if you desaturate by 10%, it is **B48751**.

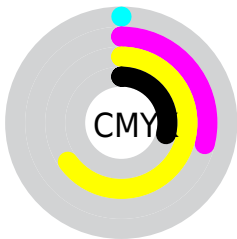
# Distribution



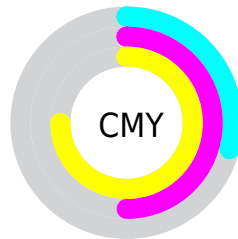
- Red (71%)
- Green (50%)
- Blue (25%)



- Red (63%)
- Yellow (71%)
- Blue (25%)



- Cyan (0%)
- Magenta (29%)
- Yellow (65%)
- Black (29%)



- Cyan (29%)
- Magenta (50%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B47F3F 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 B47F3F by changing the saturation by 10% instead.



 B47F3F

 B47F3F

FFFFFF

 976627

 EFB471

 7B4E0D

 FFCF8B

 603700

 FFEBA6

 452200

 FFFF00

 2B0D00

 FFFFDE

 060000

 FFFFFA

 000000

 B47F3F

 B47F3F

 B4772D

 B48751

 B46F1B

 B48F63

 B46709

 B49775

 B46200

 B4A087

 B4A899

 B4B0AB

 B4B8BD

 B4C0CF

 B4C8E1

# Harmonies

## Analogous

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



CB7158



B47F3F



928C3A

# Triad

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



B47F3F



009D98



A079C4

# Complementary

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



B47F3F



3F74B4

# 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.



6389D5



B47F3F



009BBC

# Square

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



B47F3F



289C70



0094D3



C56CA3

# Rectangle

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



B47F3F



769345



0094D3



8F7FCC



# Sweetspot

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



B47F3F



EBD5BC



B43F76



756959



F5F5F5



757575



# Same Dimension

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



B47F3F



EB9834



B0B43F



595550



995400



1A0E00



# Inverse Universe

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



3F74B4



3487EB



433FB4



505459



004599

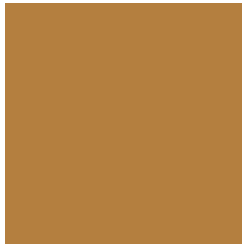


000C1A



# Previews

## White Background



This preview shows how the Hex color B47F3F looks on a white background.

## Color Contrast Check

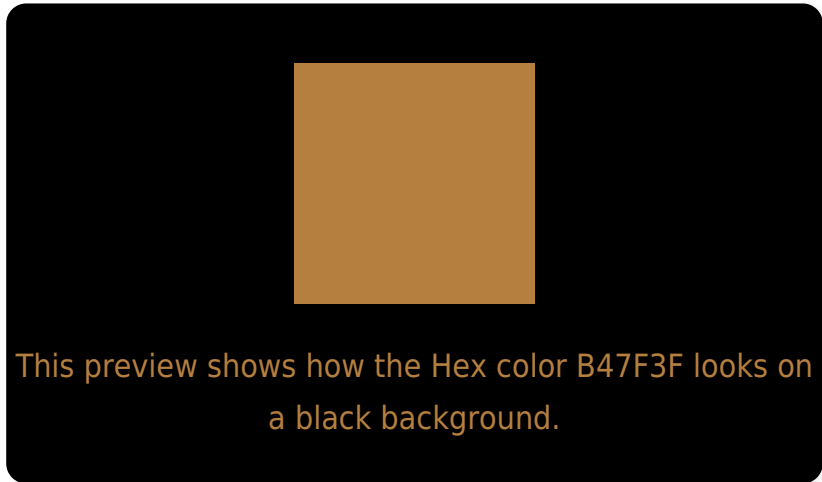
Large Text (above 18pt) WCAG AA ✓ Pass

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

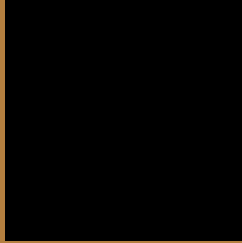
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B47F3F Background



This preview shows how black text looks on a background with the Hex color B47F3F.



This preview shows how white text looks on a background with the Hex color B47F3F.

# 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**  
B47F3F

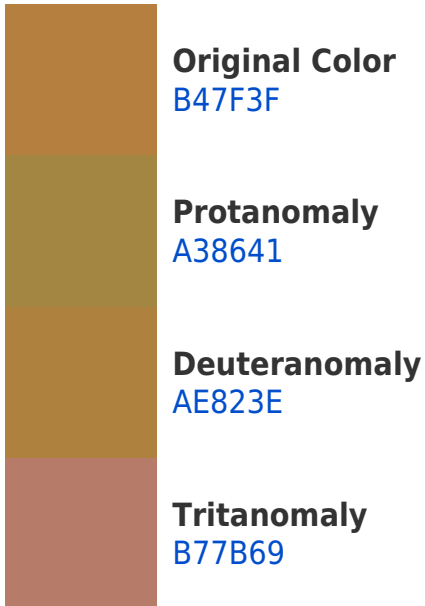
**Protanopia**  
998A42

**Deuteranopia**  
AB833E

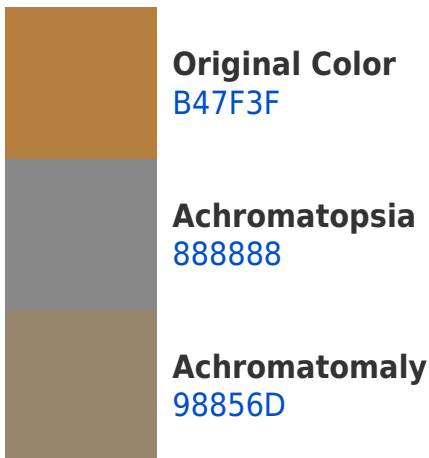


**Tritanopia**  
B97881

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B47F3F 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 #B47F3F looks like.

```
.text, #text, p{  
    color:#B47F3F  
}
```

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 #B47F3F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B47F3F
}
```

## Border

The CSS property to change the border of an element to Hex B47F3F 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
#B47F3F }
```

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

```
.border{ border-color:#B47F3F }
```

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

Here you see how a box with a 4 pixel #B47F3F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B47F3F; -webkit-box-shadow:4px 4px  
4px 4px #B47F3F; box-shadow:4px 4px 4px  
4px #B47F3F }
```

# Background

The CSS property to change the background color of an element to Hex B47F3F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B47F3F }
```

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

```
.background{ background-color:#B47F3F }
```

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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