

# Converting Colors

Hex(B87B4D)

Have a look what the booklet for  
Hex(B87B4D) contains.

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**Color**

**Hex(B87B4D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B87B4D
RGB	184, 123, 77
RGB Percent	72%, 48%, 30%
CMY	0.2784, 0.5176, 0.6980
CMYK	0.00, 0.33, 0.58, 0.28
HSL	26°, 43%, 51%
HSV	26°, 58%, 72%
XYZ	28.1897, 24.8921, 10.3401
YIQ	135.9950, 51.1220, -1.3740

# Conversions

## Conversions Part 2

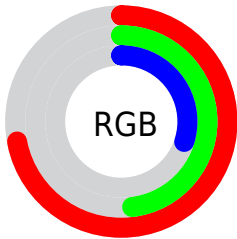
<b>Format</b>	<b>Color</b>
<b>RYB</b>	184, 158, 77
Decimal	12090189
CIELab	56.97, 18.92, 34.56
CIElCh	57, 39.401, 61.309
Yxy	24.8921, 0.4445, 0.3925
Android (android.graphics.Color)	4290280269 (0xFFB87B4D)
YUV	135.9950, -29.0845, 42.1004
Hunter-Lab	49.8920, 13.5441, 22.6366

# Details

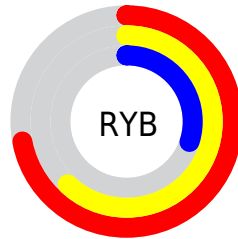
The Hex color **B87B4D** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **4D8AB8**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **F3B07F**, and **7F4A1E** is the 20% darker color. If you saturate the color by 10%, you get **B8713B**, and if you desaturate by 10%, it is **B8855F**.

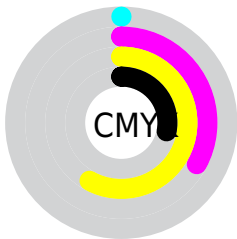
# Distribution



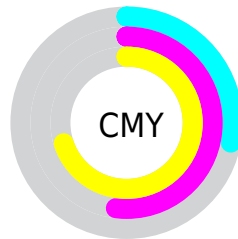
- Red (72%)
- Green (48%)
- Blue (30%)



- Red (72%)
- Yellow (62%)
- Blue (30%)



- Cyan (0%)
- Magenta (33%)
- Yellow (58%)
- Black (28%)



- Cyan (28%)
- Magenta (52%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B87B4D 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 B87B4D by changing the saturation by 10% instead.



 B87B4D

 B87B4D

FFFFFF

 9B6235

 F3B07F

 7F4A1E

 FFCB99

 643307

 FFE7B4

 4A1D00

 FFFF00

 2F0800

 FFFFEC

 0F0000

 000000

 B87B4D

 B87B4D

 B8713B

 B8855F

 B86628

 B89072

 B85C16

 B89A84

 B85103

 B8A597

 B84F00

 B8AFA9

 B8BABB

 B8C4CE

 B8CFE0

 B8D9F3

# Harmonies

## Analogous

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



C87067



B87B4D



9C8742

# Triad

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



B87B4D



009A89



8E7FC3

# Complementary

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



B87B4D



4D8AB8

# 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.



528CCD



B87B4D



009AAB

# Square

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



B87B4D



4D9866



0095C4



B573AA

# Rectangle

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



B87B4D



858E47



0095C4



7C84C9



# Sweetspot

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



B87B4D



F0D8C7



B84D8B



786A60



F7F7F7



787878



# Same Dimension

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



B87B4D



F09048



B8AF4D



5C5753



9C4300



1C0C00



# Inverse Universe

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



4D8AB8



48A8F0



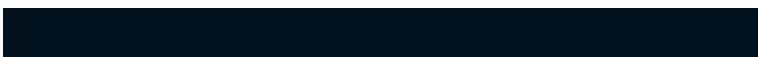
4D56B8



53585C



00599C



00101C



# Previews

## White Background



This preview shows how the Hex color B87B4D looks on a white background.

## Color Contrast Check

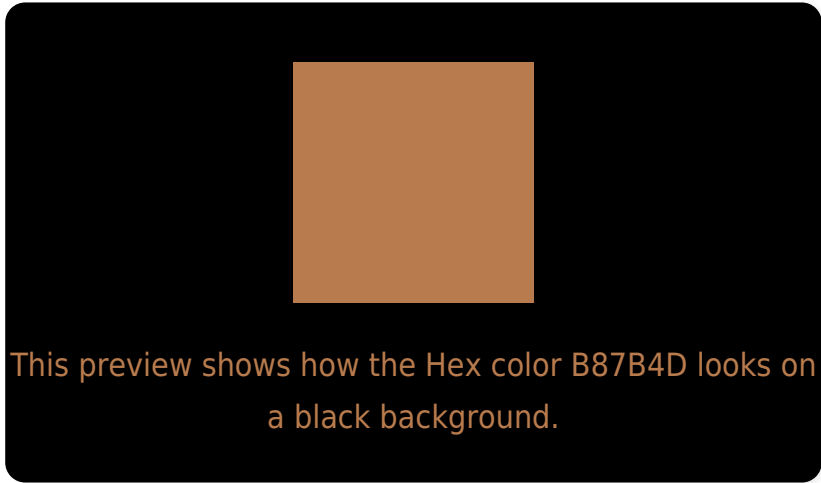
Large Text (above 18pt) WCAG AA ✓ Pass

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

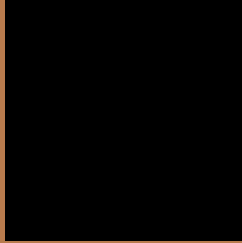
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B87B4D Background



This preview shows how black text looks on a background with the Hex color B87B4D.



This preview shows how white text looks on a background with the Hex color B87B4D.

# 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**  
B87B4D

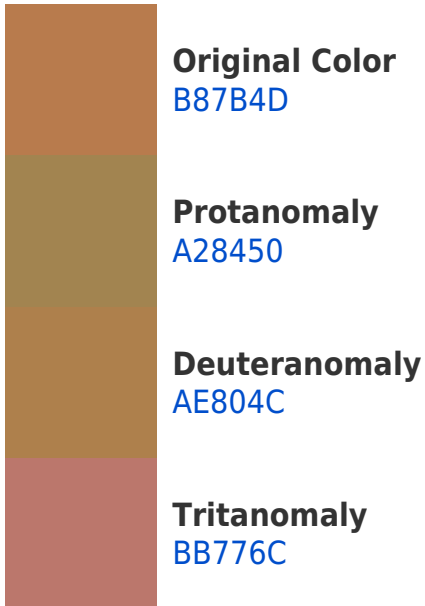
**Protanopia**  
968952

**Deuteranopia**  
A8834B

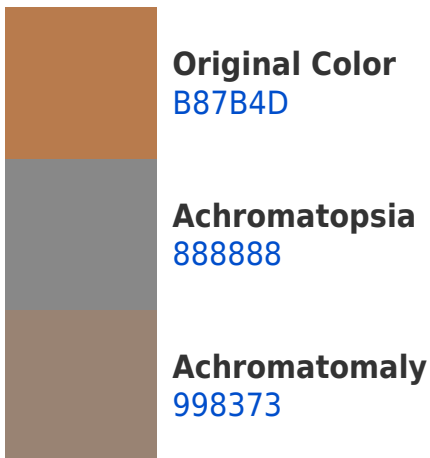


**Tritanopia**  
BC757E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B87B4D 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 #B87B4D looks like.

```
.text, #text, p{  
    color:#B87B4D  
}
```

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 #B87B4D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B87B4D  
}
```

## Border

The CSS property to change the border of an element to Hex B87B4D is called "border". The border property can be set on classes, ids or directly on the HTML element.

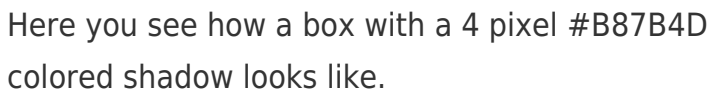
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#B87B4D }
```

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

```
.border{ border-color:#B87B4D }
```

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



Here you see how a box with a 4 pixel #B87B4D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B87B4D; -webkit-box-shadow:4px 4px  
4px 4px #B87B4D; box-shadow:4px 4px 4px  
4px #B87B4D }
```

# Background

The CSS property to change the background color of an element to Hex B87B4D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B87B4D }
```

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

```
.background{ background-color:#B87B4D }
```

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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