

Converting Colors

Hex(B87B3E)

Have a look what the booklet for
Hex(B87B3E) contains.

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Color

Hex(B87B3E)

Conversions

Conversions Part 1	
Format	Color
Hex	B87B3E
RGB	184, 123, 62
RGB Percent	72%, 48%, 24%
CMY	0.2784, 0.5176, 0.7569
CMYK	0.00, 0.33, 0.66, 0.28
HSL	30°, 50%, 48%
HSV	30°, 66%, 72%
XYZ	27.7196, 24.7041, 7.8648
YIQ	134.2850, 55.9370, -6.0390

Conversions

Conversions Part 2

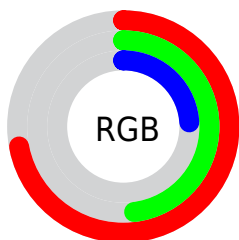
Format	Color
RYB	184, 184, 62
Decimal	12090174
CIELab	56.79, 17.85, 42.20
CIELCh	57, 45.819, 67.077
Yxy	24.7041, 0.4598, 0.4098
Android (android.graphics.Color)	4290280254 (0xFFB87B3E)
YUV	134.2850, -35.6365, 43.6001
Hunter-Lab	49.7032, 12.5694, 25.4104

Details

The Hex color **B87B3E** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **3E7BB8**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **F3B070**, and **7F4A0C** is the 20% darker color. If you saturate the color by 10%, you get **B8722C**, and if you desaturate by 10%, it is **B88450**.

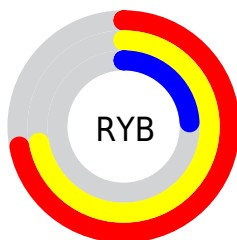
Distribution



Red (72%)

Green (48%)

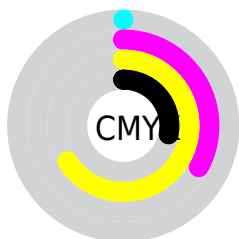
Blue (24%)



Red (72%)

Yellow (72%)

Blue (24%)

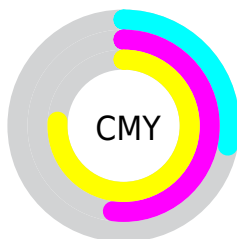


Cyan (0%)

Magenta (33%)

Yellow (66%)

Black (28%)



Cyan (28%)

Magenta (52%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color B87B3E 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 B87B3E by changing the saturation by 10% instead.

 B87B3E

 B87B3E

FFFFFF

 9B6226

 F3B070

 7F4A0C

 FFCB8A

 633300

 FFE7A5

 481E00

 FFFFC0

 2E0800

 FFFFDC

 0A0000

 FFFFF9

 000000

 B87B3E

 B87B3E

 B8722C

 B88450

 B86919

 B88D63

 B85F07

 B89775

 B85C00

 B8A088

 B8A99A

 B8B2AC

 B8BBBF

 B8C5D1

 B8CEE4

Harmonies

Analogous

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



CE6D5A



B87B3E



968935

Triad

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



B87B3E



009C91



977AC8

Complementary

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



B87B3E



3E7BB8

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.



5289D7



B87B3E



009BB7

Square

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



B87B3E



2F9A68



0095D1



C16BA8

Rectangle

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



B87B3E



7B913E



0095D1



847FCF

Sweetspot

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



B87B3E



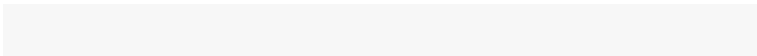
F0D8C0



B83E7B



78695B



F7F7F7



787878

Same Dimension

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



B87B3E



F09030



B8B83E



5C5753



9C4E00



1C0E00

Inverse Universe

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



3E7BB8



3090F0



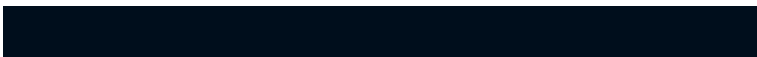
3E3EB8



53575C



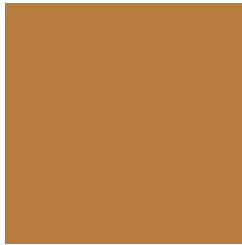
004E9C



000E1C

Previews

White Background



This preview shows how the Hex color B87B3E looks on a white background.

Color Contrast Check

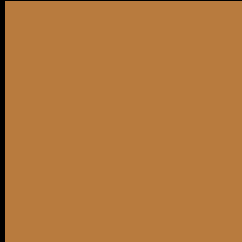
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color B87B3E looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

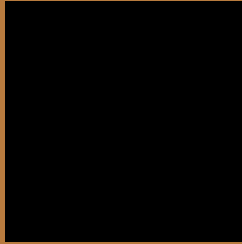
Any Text WCAG AA ✓ Pass

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 B87B3E Background



This preview shows how black text looks on a background with the Hex color B87B3E.



This preview shows how white text looks on a background with the Hex color B87B3E.

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

[B87B3E](#)

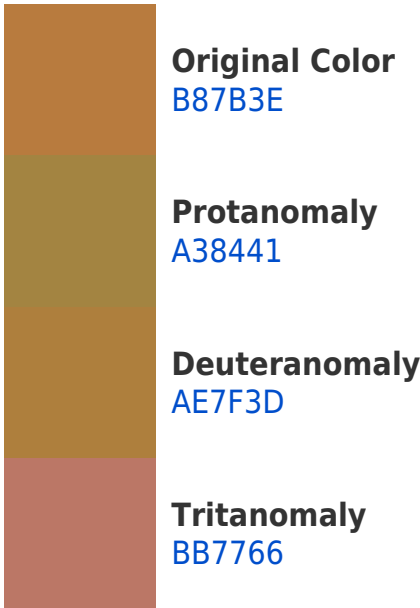
Protanopia

[978942](#)

Deuteranopia

[A9823C](#)

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B87B3E 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 #B87B3E looks like.

```
.text, #text, p{  
    color:#B87B3E  
}
```

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 #B87B3E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B87B3E
}
```

Border

The CSS property to change the border of an element to Hex B87B3E 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
#B87B3E }
```

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

```
.border{ border-color:#B87B3E }
```

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

Here you see how a box with a 4 pixel #B87B3E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B87B3E; -webkit-box-shadow:4px 4px  
4px 4px #B87B3E; box-shadow:4px 4px 4px  
4px #B87B3E }
```

Background

The CSS property to change the background color of an element to Hex B87B3E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B87B3E }
```

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

```
.background{ background-color:#B87B3E }
```

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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