

# Converting Colors

Hex(B87E3D)

Have a look what the booklet for  
Hex(B87E3D) contains.

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**Color**

**Hex(B87E3D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B87E3D
RGB	184, 126, 61
RGB Percent	72%, 49%, 24%
CMY	0.2784, 0.5059, 0.7608
CMYK	0.00, 0.32, 0.67, 0.28
HSL	32°, 50%, 48%
HSV	32°, 67%, 72%
XYZ	28.0703, 25.4490, 7.8476
YIQ	135.9320, 55.4330, -7.9190

# Conversions

## Conversions Part 2

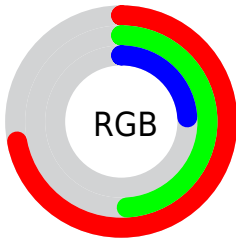
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	171, 184, 61
Decimal	12090941
CIE <sub>Lab</sub>	57.51, 16.12, 43.51
CIE <sub>LCh</sub>	58, 46.399, 69.675
Yxy	25.4490, 0.4574, 0.4147
Android (android.graphics.Color)	4290281021 (0xFFB87E3D)
YUV	135.9320, -36.9415, 42.1556
Hunter-Lab	50.4470, 11.0409, 26.0897

# Details

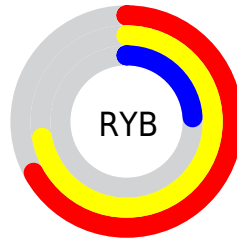
The Hex color **B87E3D** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **3D77B8**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **F3B36F**, and **7F4D0A** is the 20% darker color. If you saturate the color by 10%, you get **B8752B**, and if you desaturate by 10%, it is **B8874F**.

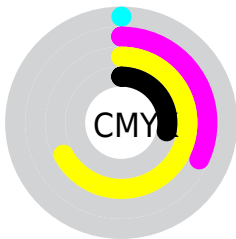
# Distribution



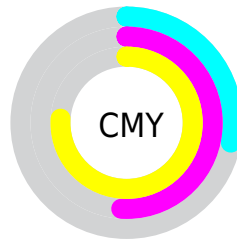
- Red (72%)
- Green (49%)
- Blue (24%)



- Red (67%)
- Yellow (72%)
- Blue (24%)



- Cyan (0%)
- Magenta (32%)
- Yellow (67%)
- Black (28%)



- Cyan (28%)
- Magenta (51%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B87E3D 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 B87E3D by changing the saturation by 10% instead.



 B87E3D

 B87E3D

FFFFFF

 9B6525

 F3B36F

 7F4D0A

 FFCE89

 633600

 FFEAA4

 482000

 FFFFBF

 2E0C00

 FFFFDC

 0E0000

 FFFFF8

 000000

 B87E3D

 B87E3D

 B8752B

 B8874F

 B86D18

 B88F62

 B86406

 B89874

 B86100

 B8A187

 B8A999

 B8B2AB

 B8BBBE

 B8C3D0

 B8CCE3

# Harmonies

## Analogous

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



CF6F58



B87E3D



958C36

# Triad

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



B87E3D



009F96



9E7AC9

# Complementary

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



B87E3D



3D77B8

# 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.



5B8ADA



B87E3D



009DBD

# Square

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



B87E3D



279C6D



0096D6



C66CA7

# Rectangle

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



B87E3D



799440



0096D6



8B80D1



# Sweetspot

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



B87E3D



F0D9C0



B83D78



786A5B



F7F7F7



787878



# Same Dimension

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



B87E3D



F09530



B6B83D



5C5753



9C5200



1C0F00



# Inverse Universe

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



3D77B8



308AF0



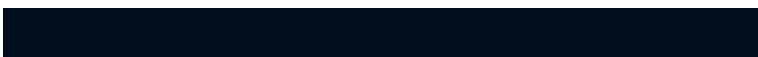
3F3DB8



53575C



00499C



000D1C



# Previews

## White Background



This preview shows how the Hex color B87E3D looks on a white background.

## Color Contrast Check

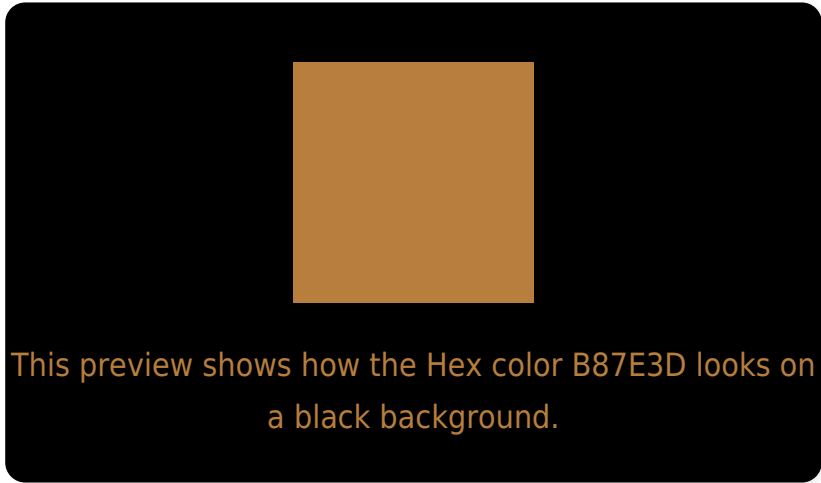
Large Text (above 18pt) WCAG AA ✓ Pass

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

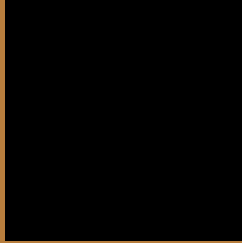
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B87E3D Background



This preview shows how black text looks on a background with the Hex color B87E3D.



This preview shows how white text looks on a background with the Hex color B87E3D.

# 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](#).

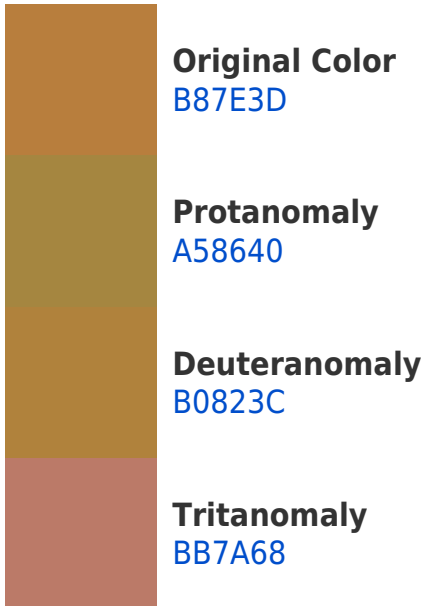
## Dichromacy



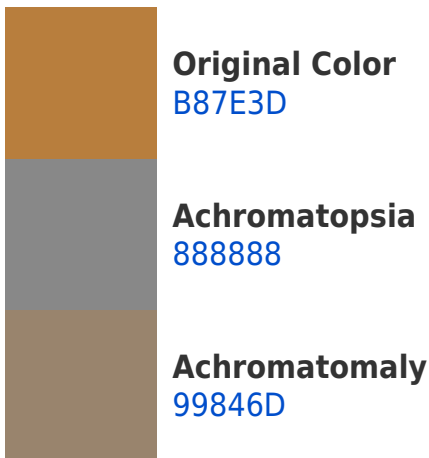


**Tritanopia**  
BD7780

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B87E3D 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 #B87E3D looks like.

```
.text, #text, p{  
    color:#B87E3D  
}
```

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 #B87E3D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B87E3D
}
```

## Border

The CSS property to change the border of an element to Hex B87E3D 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
#B87E3D }
```

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

```
.border{ border-color:#B87E3D }
```

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

Here you see how a box with a 4 pixel #B87E3D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B87E3D; -webkit-box-shadow:4px 4px  
4px 4px #B87E3D; box-shadow:4px 4px 4px  
4px #B87E3D }
```

# Background

The CSS property to change the background color of an element to Hex B87E3D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B87E3D }
```

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

```
.background{ background-color:#B87E3D }
```

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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