

# Converting Colors

Hex(BD805E)

Have a look what the booklet for  
Hex(BD805E) contains.

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**Color**

**Hex(BD805E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BD805E
RGB	189, 128, 94
RGB Percent	74%, 50%, 37%
CMY	0.2588, 0.4980, 0.6314
CMYK	0.00, 0.32, 0.50, 0.26
HSL	21°, 42%, 55%
HSV	21°, 50%, 74%
XYZ	30.7258, 27.0653, 14.1944
YIQ	142.3630, 47.2700, 2.3580

# Conversions

## Conversions Part 2

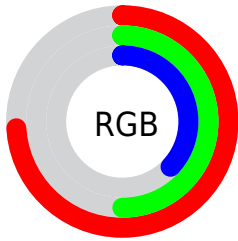
<b>Format</b>	<b>Color</b>
<b>RYB</b>	189, 147, 94
Decimal	12419166
CIELab	59.03, 19.73, 27.96
CIELCh	59, 34.221, 54.791
Yxy	27.0653, 0.4268, 0.3760
Android (android.graphics.Color)	4290609246 (0xFFBD805E)
YUV	142.3630, -23.8430, 40.9006
Hunter-Lab	52.0243, 14.3804, 20.2403

# Details

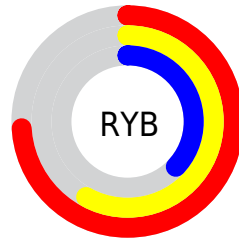
The Hex color **BD805E** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **5E9BBD**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **F8B591**, and **854E2F** is the 20% darker color. If you saturate the color by 10%, you get **BD744B**, and if you desaturate by 10%, it is **BD8C71**.

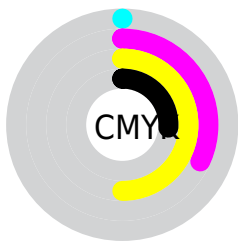
# Distribution



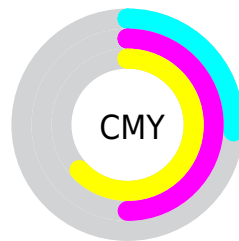
- Red (74%)
- Green (50%)
- Blue (37%)



- Red (74%)
- Yellow (58%)
- Blue (37%)



- Cyan (0%)
- Magenta (32%)
- Yellow (50%)
- Black (26%)



- Cyan (26%)
- Magenta (50%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BD805E 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 BD805E by changing the saturation by 10% instead.



 BD805E

 BD805E

FFFFFF

 A16746

 F8B591

 854E2F

 FFD1AB

 6A3719

 FFEDC7

 4F2100

 FFFFE3

 350C00

 1D0001

 000000

 BD805E

 BD805E

 BD744B

 BD8C71

 BD6838

 BD9884

 BD5C25

 BDA497

 BD4F12

 BDB1AA

 BD4400

 BDBDBD

 BDC9CF

 BDD5E2

 BDE1F5

 BDEDFF

# Harmonies

## Analogous

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



C87876



BD805E



A68A52

# Triad

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



BD805E



3B9E88



8A88C5

# Complementary

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



BD805E



5E9BBD

# 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.



5893C9



BD805E



009EA6

# Square

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



BD805E



659A6A



199ABE



AF7DB1

# Rectangle

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



BD805E



939153



199ABE



7A8CC8

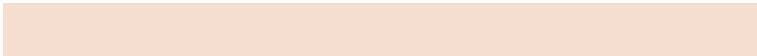


# Sweetspot

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



BD805E



F5DDD0



BD5E9C



7A6C64



FAFAFA



7A7A7A



# Same Dimension

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



BD805E



F59662



BDAF5E



5E5855



9E3900



1F0B00



# Inverse Universe

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



5E9BBD



62C0F5



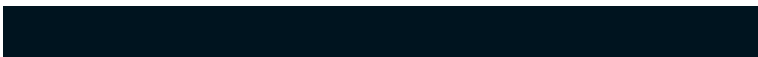
5E6CBD



555B5E



00669E



00141F



# Previews

## White Background



This preview shows how the Hex color BD805E looks on a white background.

## Color Contrast Check

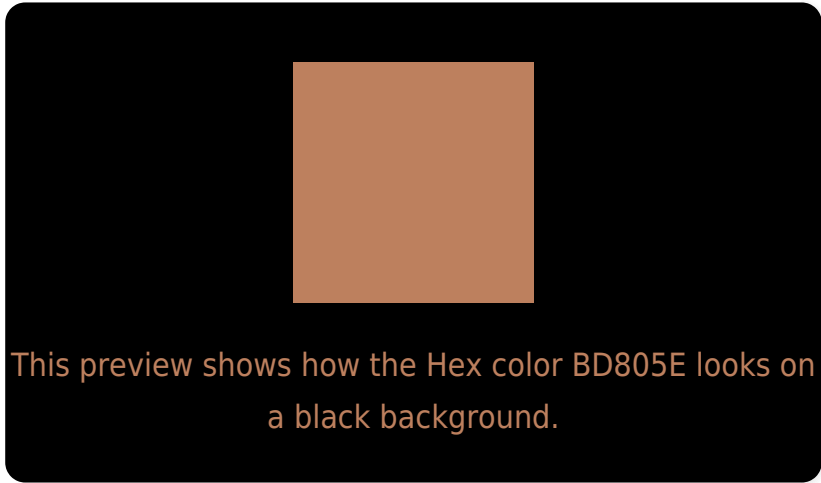
Large Text (above 18pt) WCAG AA ✓ Pass

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

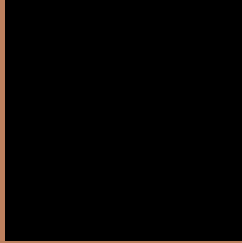
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex BD805E Background



This preview shows how black text looks on a background with the Hex color BD805E.

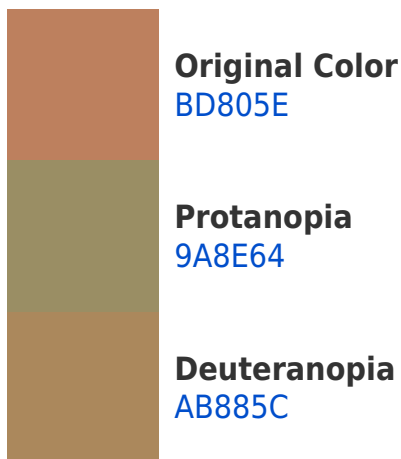


This preview shows how white text looks on a background with the Hex color BD805E.

# 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**  
C07B84

# Trichromacy



**Original Color**  
BD805E

**Protanomaly**  
A78962

**Deuteranomaly**  
B2855D

**Tritanomaly**  
BF7D76

# Monochromacy



**Original Color**  
BD805E

**Achromatopsia**  
8E8E8E

**Achromatomaly**  
9F897D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BD805E 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 #BD805E looks like.

```
.text, #text, p{  
  color:#BD805E  
}
```

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 #BD805E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD805E
}
```

## Border

The CSS property to change the border of an element to Hex BD805E is called "border". The border property can be set on classes, ids or directly on the HTML element.

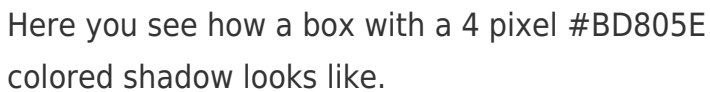
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BD805E }
```

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

```
.border{ border-color:#BD805E }
```

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

A rectangular box with a 4px orange shadow. The box is white with a thin orange border. The shadow is a solid orange color, 4 pixels wide and 4 pixels high, positioned to the right and bottom of the box.

Here you see how a box with a 4 pixel #BD805E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD805E; -webkit-box-shadow:4px 4px  
4px 4px #BD805E; box-shadow:4px 4px 4px  
4px #BD805E }
```

# Background

The CSS property to change the background color of an element to Hex BD805E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD805E }
```

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

```
.background{ background-color:#BD805E }
```

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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