

Converting Colors

Hex(B87755)

Have a look what the booklet for
Hex(B87755) contains.

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Color

Hex(B87755)

Conversions

Conversions Part 1

Format	Color
Hex	B87755
RGB	184, 119, 85
RGB Percent	72%, 47%, 33%
CMY	0.2784, 0.5333, 0.6667
CMYK	0.00, 0.35, 0.54, 0.28
HSL	21°, 41%, 53%
HSV	21°, 54%, 72%
XYZ	28.0037, 24.0399, 11.7585
YIQ	134.5590, 49.6540, 3.2060

Conversions

Conversions Part 2

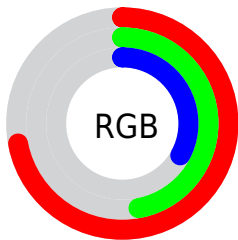
Format	Color
R_{YB}	184, 137, 85
Decimal	12089173
CIE _{Lab}	56.13, 21.81, 29.12
CIE _{LCh}	56, 36.380, 53.162
Yxy	24.0399, 0.4389, 0.3768
Android (android.graphics.Color)	4290279253 (0xFFB87755)
YUV	134.5590, -24.4326, 43.3598
Hunter-Lab	49.0305, 16.1467, 20.1024

Details

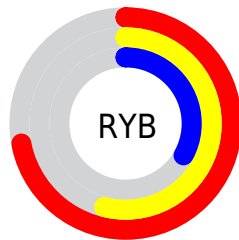
The Hex color **B87755** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **5596B8**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **F3AC87**, and **804627** is the 20% darker color. If you saturate the color by 10%, you get **B86B43**, and if you desaturate by 10%, it is **B88367**.

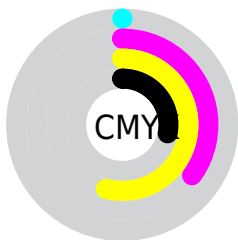
Distribution



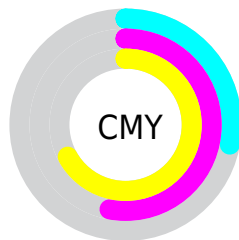
- Red (72%)
- Green (47%)
- Blue (33%)



- Red (72%)
- Yellow (54%)
- Blue (33%)



- Cyan (0%)
- Magenta (35%)
- Yellow (54%)
- Black (28%)



- Cyan (28%)
- Magenta (53%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color B87755 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 B87755 by changing the saturation by 10% instead.

 B87755

 B87755

FFFFFF

 9C5E3D

 F3AC87

 804627

 FFC7A2

 642F11

 FFE3BD

 4A1900

 FFFFD9

 300300

 FFFFF5

 0D0000

 000000

 B87755

 B87755

 B86B43

 B88367

 B85F30

 B88F7A

 B8531E

 B89B8C

 B8470B

 B8A79F

 B83F00

 B8B3B1

 B8BFC3

 B8CCD6

 B8D8E8

 B8E4FB

Harmonies

Analogous

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



C36F6F



B87755



A18247

Triad

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



B87755



2B977E



7F81C1

Complementary

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



B87755



5596B8

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.



458CC5



B87755



00979E

Square

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



B87755



5D935F



0093B8



A775AD

Rectangle

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



B87755



8D8947



0093B8



6E85C4

Sweetspot

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



B87755



F0D7C9



B85597



786961



F7F7F7



787878

Same Dimension

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



B87755



F08954



B8A855



5C5653



9C3500



1C0A00

Inverse Universe

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



5596B8



54BAF0



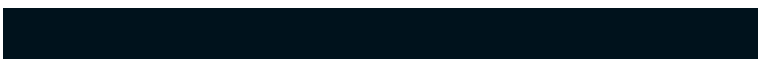
5566B8



53595C



00669C



00121C

Previews

White Background



This preview shows how the Hex color B87755 looks on a white background.

Color Contrast Check

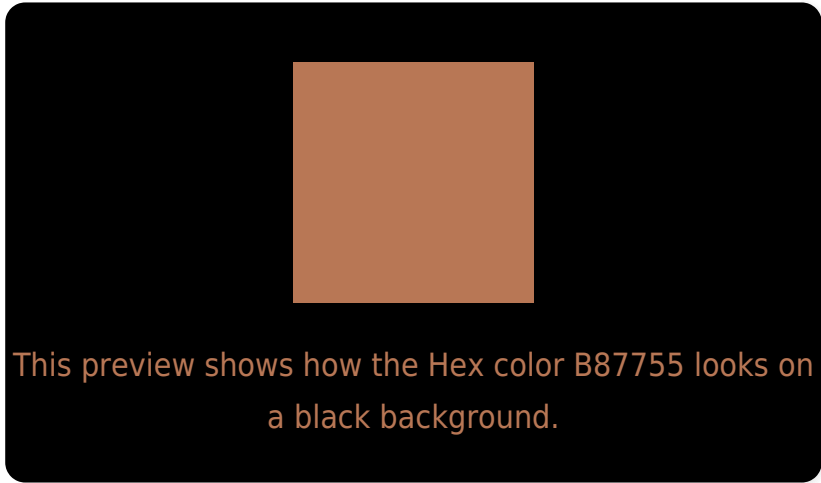
Large Text (above 18pt) WCAG AA ✓ Pass

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

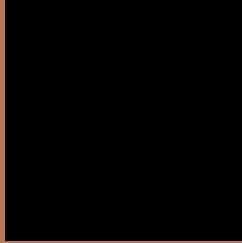
Any Text WCAG AA ✓ Pass

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 B87755 Background



This preview shows how black text looks on a background with the Hex color B87755.



This preview shows how white text looks on a background with the Hex color B87755.

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](#).

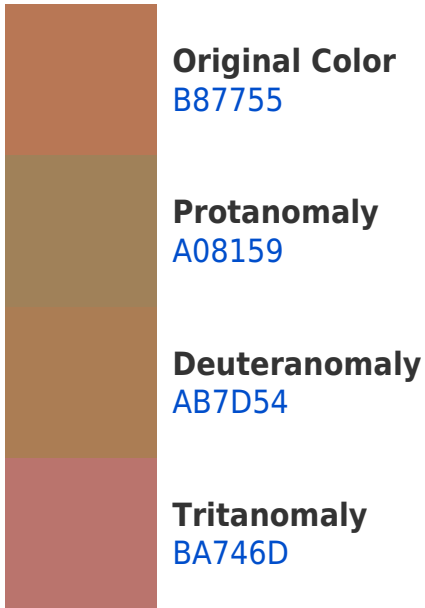
Dichromacy





Tritanopia
BB727B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B87755 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 #B87755 looks like.

```
.text, #text, p{  
  color:#B87755  
}
```

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 #B87755 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B87755
}
```

Border

The CSS property to change the border of an element to Hex B87755 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
#B87755 }
```

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

```
.border{ border-color:#B87755 }
```

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

Here you see how a box with a 4 pixel #B87755 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B87755; -webkit-box-shadow:4px 4px  
4px 4px #B87755; box-shadow:4px 4px 4px  
4px #B87755 }
```

Background

The CSS property to change the background color of an element to Hex B87755 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B87755 }
```

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

```
.background{ background-color:#B87755 }
```

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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