

# Converting Colors

Hex(B87054)

Have a look what the booklet for  
Hex(B87054) contains.

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**Color**

**Hex(B87054)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | B87054                    |
| RGB           | 184, 112, 84              |
| RGB Percent   | 72%, 44%, 33%             |
| CMY           | 0.2784, 0.5608, 0.6706    |
| CMYK          | 0.00, 0.39, 0.54, 0.28    |
| HSL           | 17°, 41%, 53%             |
| HSV           | 17°, 54%, 72%             |
| XYZ           | 27.1616, 22.4188, 11.2832 |
| YIQ           | 130.3360, 51.9000, 6.5560 |

# Conversions

## Conversions Part 2

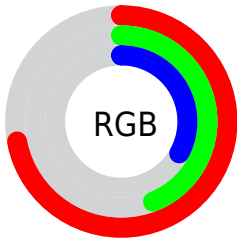
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">184, 123, 84</a>                                 |
| Decimal                             | <a href="#">12087380</a>                                     |
| CIELab                              | <a href="#">54.47, 25.59, 27.56</a>                          |
| CIElCh                              | <a href="#">54, 37.609, 47.114</a>                           |
| Yxy                                 | <a href="#">22.4188, 0.4463, 0.3683</a>                      |
| Android<br>(android.graphics.Color) | <a href="#">4290277460</a><br>( <a href="#">0xFFB87054</a> ) |
| YUV                                 | <a href="#">130.3360, -22.8436, 47.0633</a>                  |
| Hunter-Lab                          | <a href="#">47.3485, 19.5371, 19.0151</a>                    |

# Details

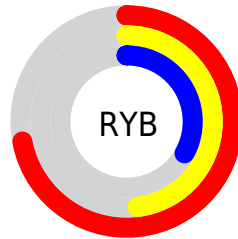
The Hex color **B87054** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **549CB8**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **F3A486**, and **7F3F26** is the 20% darker color. If you saturate the color by 10%, you get **B86342**, and if you desaturate by 10%, it is **B87D66**.

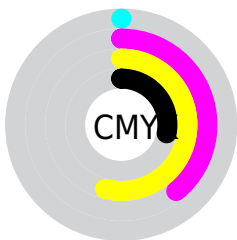
# Distribution



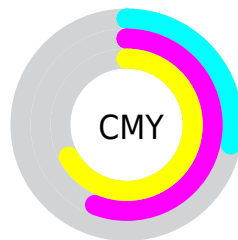
- Red (72%)
- Green (44%)
- Blue (33%)



- Red (72%)
- Yellow (48%)
- Blue (33%)



- Cyan (0%)
- Magenta (39%)
- Yellow (54%)
- Black (28%)



- Cyan (28%)
- Magenta (56%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B87054 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 B87054 by changing the saturation by 10% instead.



 B87054

 B87054

FFFFFF

 9B573D

 F3A486

 7F3F26

 FFC0A0

 642811

 FFDCBB

 491100

 FFF8D7

 2F0000

 FFFFF4

 050000

 000000

 B87054

 B87054

 B86342

 B87D66

 B8562F

 B88A79

 B8481D

 B8988B

 B83B0A

 B8A59E

 B83400

 B8B2B0

 B8BFC2

 B8CDD5

 B8DAE7

 B8E7FA

# Harmonies

## Analogous

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



C06871



B87054



A27C42

# Triad

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



B87054



2D9273



6F7FC0

# Complementary

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



B87054



549CB8

# 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.



298AC1



B87054



009394

# Square

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



B87054



5F8E55



0090B1



9D73AF

# Rectangle

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



B87054



8F8340



0090B1



5C83C3



# Sweetspot

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



B87054



F0D4C9



B8549D



786761



F7F7F7



787878



# Same Dimension

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



B87054



F08054



B8A154



5C5553



9C2C00



1C0800



# Inverse Universe

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



549CB8



54C4F0



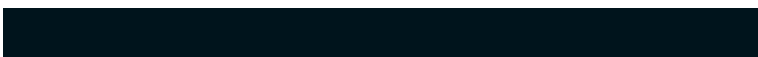
546BB8



53595C



00709C



00141C



# Previews

## White Background



This preview shows how the Hex color B87054 looks on a white background.

## Color Contrast Check

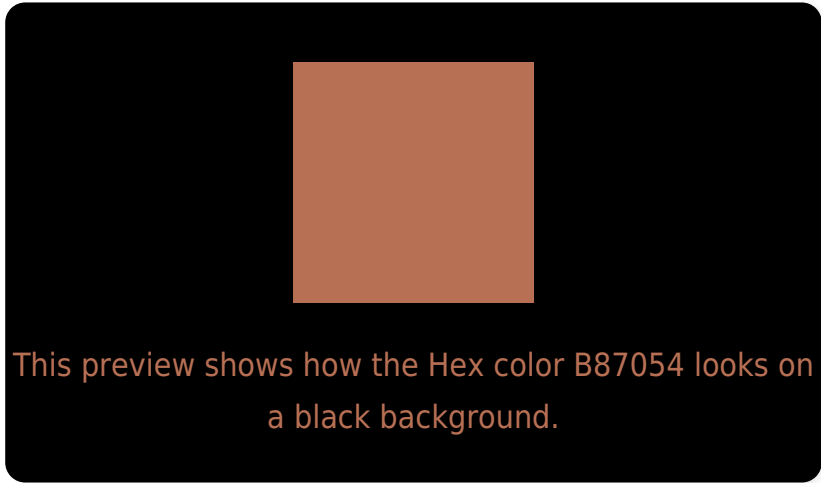
Large Text (above 18pt) WCAG AA ✓ Pass

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

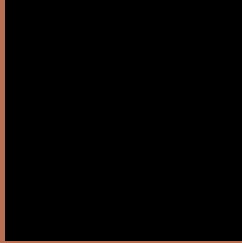
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B87054 Background



This preview shows how black text looks on a background with the Hex color B87054.




This preview shows how white text looks on a background with the Hex color B87054.

# 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](#).

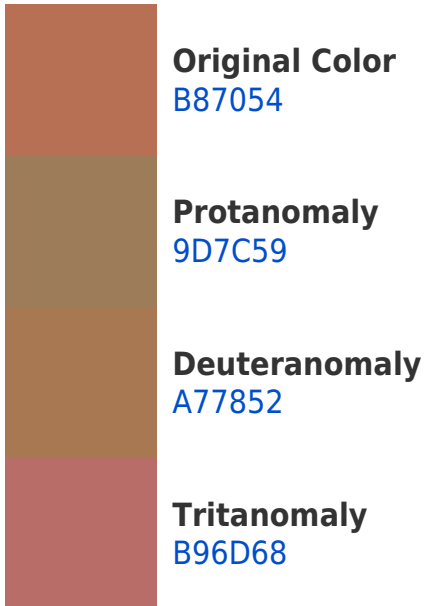
## Dichromacy





**Tritanopia**  
BA6C74

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B87054 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 #B87054 looks like.

```
.text, #text, p{  
    color:#B87054  
}
```

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 #B87054 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B87054
}
```

## Border

The CSS property to change the border of an element to Hex B87054 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
#B87054 }
```

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

```
.border{ border-color:#B87054 }
```

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

Here you see how a box with a 4 pixel #B87054 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B87054; -webkit-box-shadow:4px 4px  
4px 4px #B87054; box-shadow:4px 4px 4px  
4px #B87054 }
```

# Background

The CSS property to change the background color of an element to Hex B87054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B87054 }
```

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

```
.background{ background-color:#B87054 }
```

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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