

# Converting Colors

Hex(B04837)

Have a look what the booklet for  
Hex(B04837) contains.

<b>Hex(B04837)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(B04837)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B04837
RGB	176, 72, 55
RGB Percent	69%, 28%, 22%
CMY	0.3098, 0.7176, 0.7843
CMYK	0.00, 0.59, 0.69, 0.31
HSL	8°, 52%, 45%
HSV	8°, 69%, 69%
XYZ	20.9114, 14.1407, 5.2417
YIQ	101.1580, 67.4410, 16.7610

# Conversions

## Conversions Part 2

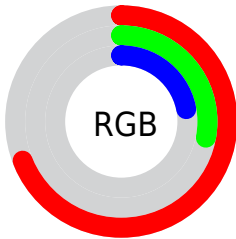
Format	Color
R <sub>Y</sub> B	176, 75, 55
Decimal	11552823
CIE Lab	44.43, 41.35, 31.44
CIE LCh	44, 51.949, 37.245
Yxy	14.1407, 0.5190, 0.3509
Android (android.graphics.Color)	4289742903 (0xFFB04837)
YUV	101.1580, -22.7559, 65.6364
Hunter-Lab	37.6041, 33.4558, 18.0583

# Details

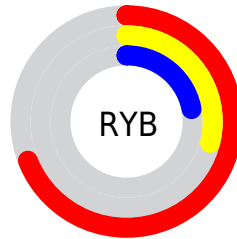
The Hex color **B04837** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **379FB0**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **ED7C66**, and **75120B** is the 20% darker color. If you saturate the color by 10%, you get **B03925**, and if you desaturate by 10%, it is **B05749**.

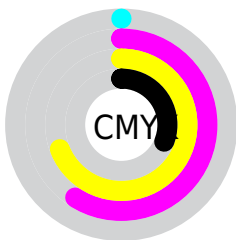
# Distribution



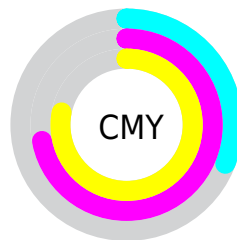
- Red (69%)
- Green (28%)
- Blue (22%)



- Red (69%)
- Yellow (29%)
- Blue (22%)



- Cyan (0%)
- Magenta (59%)
- Yellow (69%)
- Black (31%)



- Cyan (31%)
- Magenta (72%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B04837 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 B04837 by changing the saturation by 10% instead.



 B04837

 B04837

FFFFFF

 922E21

 ED7C66

 75120B

 FF9780

 590000

 FFB29A

 3C0000

 FFCFB5

 1F0001

 FFEBD0

 000000

 FFFFED

 B04837

 B04837

 B03925

 B05749

 B02A14

 B0665A

 B01B02

 B0756C

 B01900

 B0857D

 B0948F

 B0A3A1

 B0B2B2

 B0C1C4

 B0D0D5

# Harmonies

## Analogous

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



B63D60



B04837



985B12

# Triad

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



B04837



007B46



006BBF

# Complementary

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



B04837



379FB0

# 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.



0076B9



B04837



007D73

# Square

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



B04837



46751C



007C9C



7859AE

# Rectangle

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



B04837



816600



007C9C



006FC0



# Sweetspot

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



B04837



E6BCB5



B037A0



735A56



F2F2F2



737373



# Same Dimension

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



B04837



E64227



B08437



595250



991500



1A0400



# Inverse Universe

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



379FB0



27CBE6



3763B0



505859



008499

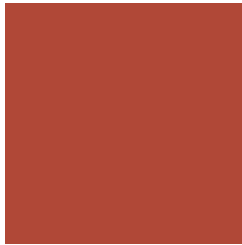


00161A



# Previews

## White Background



This preview shows how the Hex color B04837 looks on a white background.

## Color Contrast Check

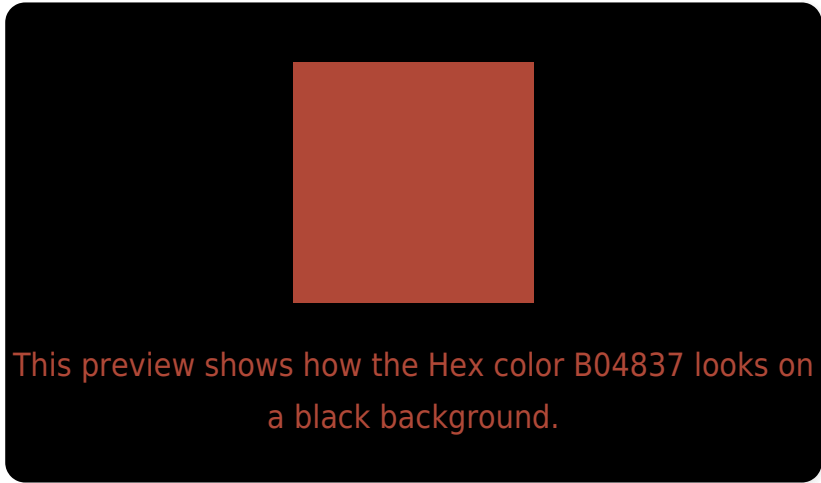
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

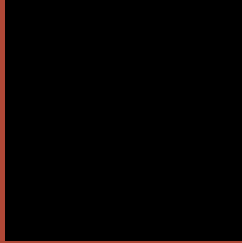
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex B04837 Background



This preview shows how black text looks on a background with the Hex color B04837.



This preview shows how white text looks on a background with the Hex color B04837.

# 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**  
B04837

**Protanopia**  
736A43

**Deuteranopia**  
836531

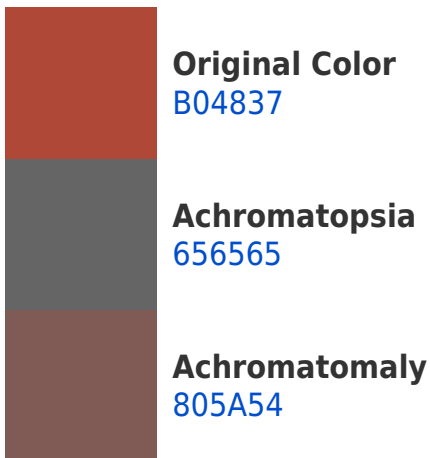


**Tritanopia**  
B1454A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B04837 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 #B04837 looks like.

```
.text, #text, p{  
    color:#B04837  
}
```

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 #B04837 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B04837
}
```

## Border

The CSS property to change the border of an element to Hex B04837 is called "border". The border property can be set on classes, ids or directly on the HTML element.

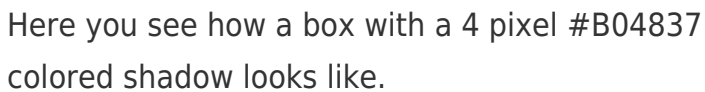
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B04837 }
```

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

```
.border{ border-color:#B04837 }
```

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



Here you see how a box with a 4 pixel #B04837 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B04837; -webkit-box-shadow:4px 4px  
4px 4px #B04837; box-shadow:4px 4px 4px  
4px #B04837 }
```

# Background

The CSS property to change the background color of an element to Hex B04837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B04837 }
```

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

```
.background{ background-color:#B04837 }
```

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](#).



Hey! You found this booklet  
interesting? Support Converting  
Colors with the new Membership  
Option!

The pro membership hides all ads, plus gives you  
double the colors in the color bucket, and more  
awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor