

# Converting Colors

Hex(B86E4C)

Have a look what the booklet for  
Hex(B86E4C) contains.

<b>Hex(B86E4C)</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(B86E4C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B86E4C
RGB	184, 110, 76
RGB Percent	72%, 43%, 30%
CMY	0.2784, 0.5686, 0.7020
CMYK	0.00, 0.40, 0.59, 0.28
HSL	19°, 43%, 51%
HSV	19°, 59%, 72%
XYZ	26.6476, 21.8640, 9.6532
YIQ	128.2500, 55.0180, 5.1140

# Conversions

## Conversions Part 2

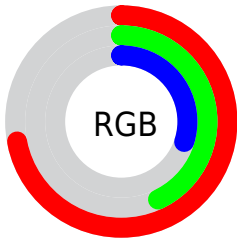
Format	Color
<a href="#">RYB</a>	<a href="#">184, 126, 76</a>
Decimal	<a href="#">12086860</a>
CIELab	<a href="#">53.88, 26.03, 31.31</a>
CIElCh	<a href="#">54, 40.715, 50.258</a>
Yxy	<a href="#">21.8640, 0.4581, 0.3759</a>
Android (android.graphics.Color)	<a href="#">4290276940</a> ( <a href="#">0xFFB86E4C</a> )
YUV	<a href="#">128.2500, -25.7592, 48.8928</a>
Hunter-Lab	<a href="#">46.7590, 19.8977, 20.4911</a>

# Details

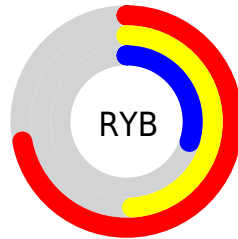
The Hex color **B86E4C** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **4C96B8**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **F3A27E**, and **7F3D1E** is the 20% darker color. If you saturate the color by 10%, you get **B8613A**, and if you desaturate by 10%, it is **B87B5E**.

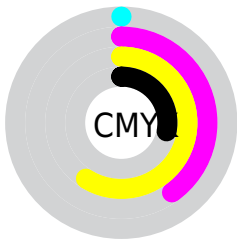
# Distribution



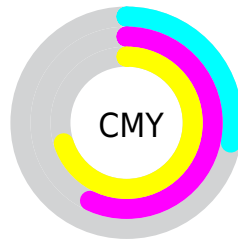
- Red (72%)
- Green (43%)
- Blue (30%)



- Red (72%)
- Yellow (49%)
- Blue (30%)



- Cyan (0%)
- Magenta (40%)
- Yellow (59%)
- Black (28%)



- Cyan (28%)
- Magenta (57%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B86E4C 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 B86E4C by changing the saturation by 10% instead.



 B86E4C

 B86E4C

FFFFFF

 9B5535

 F3A27E

 7F3D1E

 FFBE98

 632608

 FFDAB3

 480F00

 FFF6CE

 2E0000

 FFFFEB

 000000

 B86E4C

 B86E4C

 B8613A

 B87B5E

 B85527

 B88771

 B84815

 B89483

 B83C02

 B8A096

 B83A00

 B8ADA8

 B8BABA

 B8C6CD

 B8D3DF

 B8DFF2

# Harmonies

## Analogous

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



C3656A



B86E4C



A07B3A

# Triad

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



B86E4C



0A9274



717CC3

# Complementary

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



B86E4C



4C96B8

# 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.



1B88C6



B86E4C



009398

# Square

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



B86E4C



558E52



008FB6



A16EAE

# Rectangle

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



B86E4C



8A8339



008FB6



5C80C6



# Sweetspot

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



B86E4C



F0D2C5



B84C98



78665D



F7F7F7



787878



# Same Dimension

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



B86E4C



F07D48



B8A24C



5C5653



9C3100



1C0900



# Inverse Universe

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



4C96B8



48BBF0



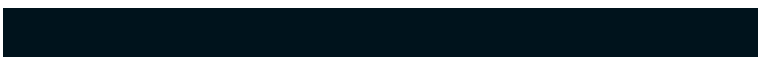
4C62B8



53595C



006B9C



00131C



# Previews

## White Background



This preview shows how the Hex color B86E4C looks on a white background.

## Color Contrast Check

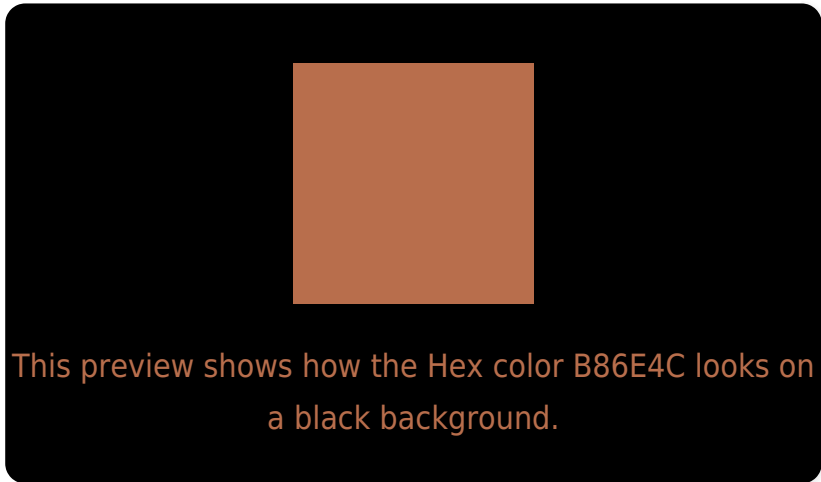
Large Text (above 18pt) WCAG AA ✓ Pass

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 B86E4C Background



This preview shows how black text looks on a background with the Hex color B86E4C.



This preview shows how white text looks on a background with the Hex color B86E4C.

# 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**  
B86E4C

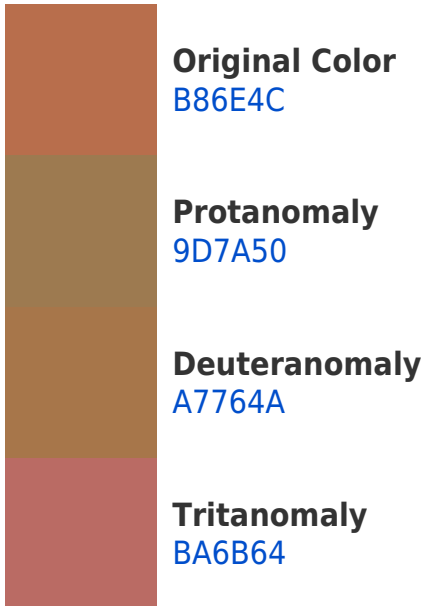
**Protanopia**  
8D8153

**Deuteranopia**  
9E7B49



**Tritanopia**  
BB6971

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B86E4C 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 #B86E4C looks like.

```
.text, #text, p{  
    color:#B86E4C  
}
```

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 #B86E4C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B86E4C
}
```

## Border

The CSS property to change the border of an element to Hex B86E4C 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
#B86E4C }
```

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

```
.border{ border-color:#B86E4C }
```

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

Here you see how a box with a 4 pixel #B86E4C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B86E4C; -webkit-box-shadow:4px 4px  
4px 4px #B86E4C; box-shadow:4px 4px 4px  
4px #B86E4C }
```

# Background

The CSS property to change the background color of an element to Hex B86E4C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B86E4C }
```

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

```
.background{ background-color:#B86E4C }
```

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