

Converting Colors

Hex(B86C40)

Have a look what the booklet for
Hex(B86C40) contains.

Hex(B86C40)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B86C40)

Conversions

Conversions Part 1

Format	Color
Hex	B86C40
RGB	184, 108, 64
RGB Percent	72%, 42%, 25%
CMY	0.2784, 0.5765, 0.7490
CMYK	0.00, 0.41, 0.65, 0.28
HSL	22°, 48%, 49%
HSV	22°, 65%, 72%
XYZ	26.0551, 21.2856, 7.5858
YIQ	125.7080, 59.4200, 2.4280

Conversions

Conversions Part 2

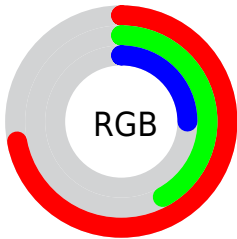
Format	Color
RYB	184, 133, 64
Decimal	12086336
CIELab	53.26, 26.27, 37.12
CIElCh	53, 45.473, 54.716
Yxy	21.2856, 0.4744, 0.3875
Android (android.graphics.Color)	4290276416 (0xFFB86C40)
YUV	125.7080, -30.4220, 51.1221
Hunter-Lab	46.1364, 20.0678, 22.5470

Details

The Hex color **B86C40** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **408CB8**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **F4A071**, and **7E3B12** is the 20% darker color. If you saturate the color by 10%, you get **B8602E**, and if you desaturate by 10%, it is **B87852**.

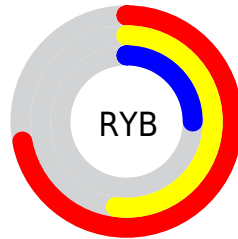
Distribution



Red (72%)

Green (42%)

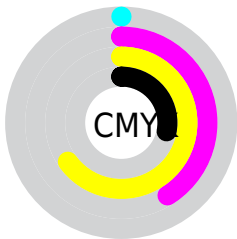
Blue (25%)



Red (72%)

Yellow (52%)

Blue (25%)

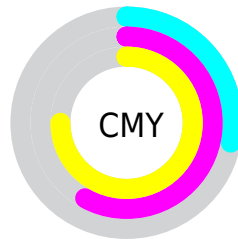


Cyan (0%)

Magenta (41%)

Yellow (65%)

Black (28%)



Cyan (28%)

Magenta (58%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color B86C40 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 B86C40 by changing the saturation by 10% instead.

 B86C40

 B86C40

FFFFFF

 9B5329

 F4A071

 7E3B12

 FFBB8B

 632400

 FFD7A6

 470D00

 FFF4C1

 2D0000

 FFFFDD

 000000

 FFFFFA

 B86C40

 B86C40

 B8602E

 B87852

 B8551B

 B88365

 B84909

 B88F77

 B84300

 B89B8A

 B8A69C

 B8B2AE

 B8BEC1

 B8C9D3

 B8D5E6

Harmonies

Analogous

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



C76061



B86C40



9B7B2E

Triad

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



B86C40



009277



7678C6

Complementary

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



B86C40



408CB8

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.



0086CD



B86C40



00929F

Square

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



B86C40



448E50



008EBE



A968AD

Rectangle

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



B86C40



83832F



008EBE



5E7DCB

Sweetspot

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



B86C40



F0D1C0



B8408C



78665B



F7F7F7



787878

Same Dimension

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



B86C40



F07935



B8A840



5C5653



9C3900



1C0A00

Inverse Universe

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



408CB8



35ABF0



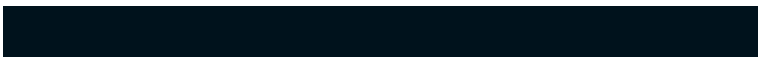
4050B8



53585C



00639C



00121C

Previews

White Background



This preview shows how the Hex color B86C40 looks on a white background.

Color Contrast Check

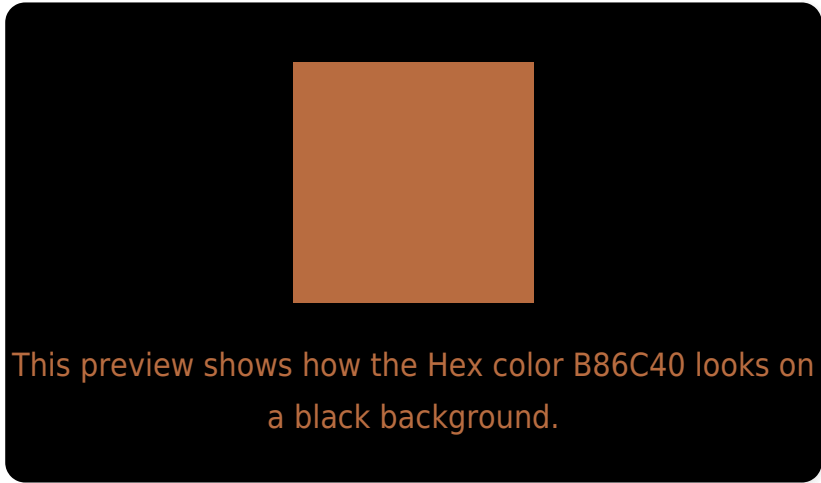
Large Text (above 18pt) WCAG AA ✓ Pass

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

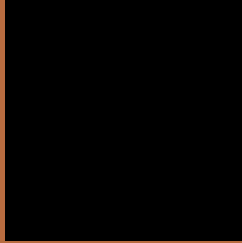
Any Text WCAG AA ✓ Pass

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 B86C40 Background



This preview shows how black text looks on a background with the Hex color B86C40.

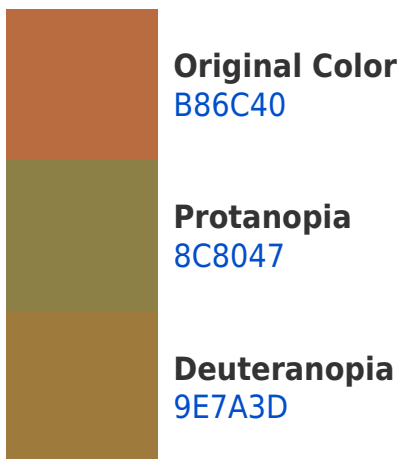


This preview shows how white text looks on a background with the Hex color B86C40.

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
BB676E

Trichromacy



Original Color
B86C40

Protanomaly
9C7944

Deuteranomaly
A7753E

Tritanomaly
BA695D

Monochromacy



Original Color
B86C40

Achromatopsia
7E7E7E

Achromatomaly
937767

CSS Examples

Text

The CSS property to change the color of the text to Hex B86C40 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 #B86C40 looks like.

```
.text, #text, p{  
    color:#B86C40  
}
```

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 #B86C40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B86C40
}
```

Border

The CSS property to change the border of an element to Hex B86C40 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
#B86C40 }
```

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

```
.border{ border-color:#B86C40 }
```

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

Here you see how a box with a 4 pixel #B86C40 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B86C40; -webkit-box-shadow:4px 4px  
4px 4px #B86C40; box-shadow:4px 4px 4px  
4px #B86C40 }
```

Background

The CSS property to change the background color of an element to Hex B86C40 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B86C40 }
```

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

```
.background{ background-color:#B86C40 }
```

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