

# Converting Colors

Hex(B86D5B)

Have a look what the booklet for  
Hex(B86D5B) contains.

<b>Hex(B86D5B)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(B86D5B)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	<a href="#">B86D5B</a>
RGB	<a href="#">184, 109, 91</a>
RGB Percent	<a href="#">72%, 43%, 36%</a>
CMY	<a href="#">0.2784, 0.5725, 0.6431</a>
CMYK	<a href="#">0.00, 0.41, 0.51, 0.28</a>
HSL	<a href="#">12°, 40%, 54%</a>
HSV	<a href="#">12°, 51%, 72%</a>
XYZ	<a href="#">27.1241, 21.8830, 12.6918</a>
YIQ	<a href="#">129.3730, 50.4780, 10.3020</a>

# Conversions

## Conversions Part 2

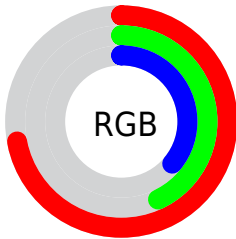
<b>Format</b>	<b>Color</b>
<b>RYB</b>	184, 113, 91
Decimal	12086619
CIELab	53.90, 27.88, 22.82
CIELCh	54, 36.033, 39.303
Yxy	21.8830, 0.4396, 0.3547
Android (android.graphics.Color)	4290276699 (0xFFB86D5B)
YUV	129.3730, -18.9179, 47.9079
Hunter-Lab	46.7792, 21.6365, 16.6594

# Details

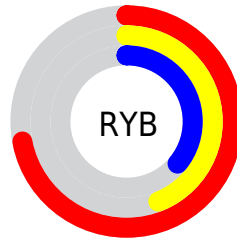
The Hex color **B86D5B** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **5BA6B8**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **F3A18D**, and **7F3C2D** is the 20% darker color. If you saturate the color by 10%, you get **B85E49**, and if you desaturate by 10%, it is **B87C6D**.

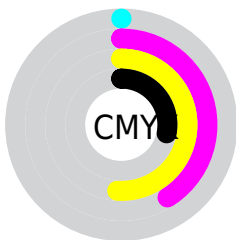
# Distribution



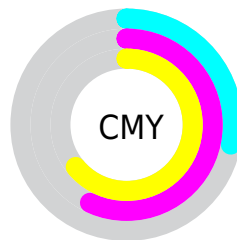
- Red (72%)
- Green (43%)
- Blue (36%)



- Red (72%)
- Yellow (44%)
- Blue (36%)



- Cyan (0%)
- Magenta (41%)
- Yellow (51%)
- Black (28%)



- Cyan (28%)
- Magenta (57%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B86D5B 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 B86D5B by changing the saturation by 10% instead.



 B86D5B

 B86D5B

FFFFFF

 9B5443

 F3A18D

 7F3C2D

 FFBD8A

 642518

 FFD9C3

 4A0C00

 FFF5DF

 300000

 FFFFFC

 040000

 000000

 B86D5B

 B86D5B

 B85E49

 B87C6D

 B84F36

 B88B80

 B84024

 B89A92

 B83211

 B8A8A5

 B82400

 B8B7B7

 B8C6C9

 B8D5DC

 B8E4EE

 B8F3FF

# Harmonies

## Analogous

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



BC6878



B86D5B



A67747

# Triad

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



B86D5B



408F6A



6181BE

# Complementary

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



B86D5B



5BA6B8

# 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.



148ABA



B86D5B



00918A

# Square

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



B86D5B



698A4F



008FA7



9075B1

# Rectangle

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



B86D5B



957F42



008FA7



4D84BF



# Sweetspot

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



B86D5B



F0D3CC



B85BA7



786662



F7F7F7



787878



# Same Dimension

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



B86D5B



F07A5D



B89B5B



5C5453



9C1E00



1C0500



# Inverse Universe

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



5BA6B8



5DD3F0



5B78B8



535A5C



007D9C



00171C



# Previews

## White Background



This preview shows how the Hex color B86D5B looks on a white background.

## Color Contrast Check

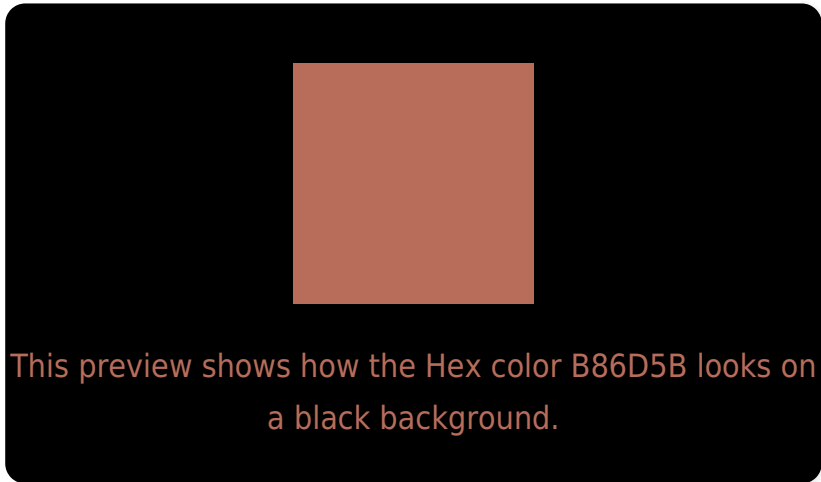
Large Text (above 18pt) WCAG AA ✓ Pass

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 B86D5B Background



This preview shows how black text looks on a background with the Hex color B86D5B.




This preview shows how white text looks on a background with the Hex color B86D5B.

# 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**  
BA6A72

# Trichromacy



**Original Color**  
B86D5B

**Protanomaly**  
9B7A61

**Deuteranomaly**  
A67759

**Tritanomaly**  
B96B6A

# Monochromacy



**Original Color**  
B86D5B

**Achromatopsia**  
818181

**Achromatomaly**  
957A73

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B86D5B 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 #B86D5B looks like.

```
.text, #text, p{  
  color:#B86D5B  
}
```

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 #B86D5B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B86D5B
}
```

## Border

The CSS property to change the border of an element to Hex B86D5B is called "border". The border property can be set on classes, ids or directly on the HTML element.

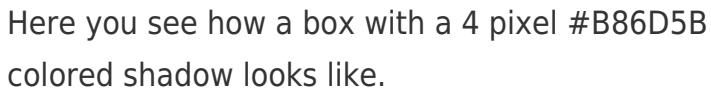
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B86D5B }
```

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

```
.border{ border-color:#B86D5B }
```

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



Here you see how a box with a 4 pixel #B86D5B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B86D5B; -webkit-box-shadow:4px 4px  
4px 4px #B86D5B; box-shadow:4px 4px 4px  
4px #B86D5B }
```

# Background

The CSS property to change the background color of an element to Hex B86D5B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B86D5B }
```

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

```
.background{ background-color:#B86D5B }
```

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