

# Converting Colors

Hex(B86F5B)

Have a look what the booklet for  
Hex(B86F5B) contains.

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**Color**

**Hex(B86F5B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B86F5B
RGB	184, 111, 91
RGB Percent	72%, 44%, 36%
CMY	0.2784, 0.5647, 0.6431
CMYK	0.00, 0.40, 0.51, 0.28
HSL	13°, 40%, 54%
HSV	13°, 51%, 72%
XYZ	27.3399, 22.3146, 12.7637
YIQ	130.5470, 49.9280, 9.2560

# Conversions

## Conversions Part 2

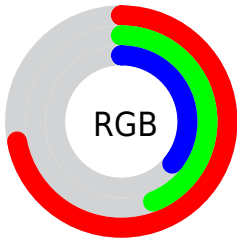
<b>Format</b>	<b>Color</b>
<b>RYB</b>	184, 116, 91
Decimal	12087131
CIELab	54.36, 26.79, 23.43
CIELCh	54, 35.585, 41.174
Yxy	22.3146, 0.4380, 0.3575
Android (android.graphics.Color)	4290277211 (0xFFB86F5B)
YUV	130.5470, -19.4967, 46.8783
Hunter-Lab	47.2383, 20.6428, 17.0468

# Details

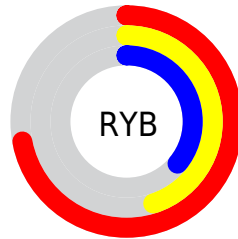
The Hex color **B86F5B** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **5BA4B8**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **F3A38D**, and **803E2D** is the 20% darker color. If you saturate the color by 10%, you get **B86149**, and if you desaturate by 10%, it is **B87D6D**.

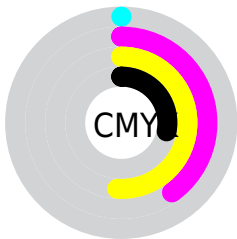
# Distribution



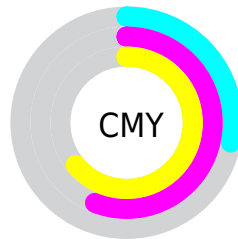
- Red (72%)
- Green (44%)
- Blue (36%)



- Red (72%)
- Yellow (45%)
- Blue (36%)



- Cyan (0%)
- Magenta (40%)
- Yellow (51%)
- Black (28%)



- Cyan (28%)
- Magenta (56%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B86F5B 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 B86F5B by changing the saturation by 10% instead.



 B86F5B

 B86F5B

FFFFFF

 9B5643

 F3A38D

 803E2D

 FFBF8

 642718

 FFDBC3

 4A0F00

 FFF7DF

 300000

 FFFFFC

 060000

 000000

 B86F5B

 B86F5B

 B86149

 B87D6D

 B85236

 B88C80

 B84424

 B89A92

 B83511

 B8A9A5

 B82800

 B8B7B7

 B8C6C9

 B8D4DC

 B8E3EE

 B8F1FF

# Harmonies

## Analogous

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



BD6978



B86F5B



A67948

# Triad

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



B86F5B



3F916D



6681BE

# Complementary

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



B86F5B



5BA4B8

# 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.



238BBC



B86F5B



00928D

# Square

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



B86F5B



688C52



0090AA



9476B0

# Rectangle

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



B86F5B



948143



0090AA



5385BF



# Sweetspot

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



B86F5B



F0D3CC



B85BA5



786762



F7F7F7



787878



# Same Dimension

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



B86F5B



F07D5D



B89C5B



5C5553



9C2100



1C0600



# Inverse Universe

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



5BA4B8



5DD0F0



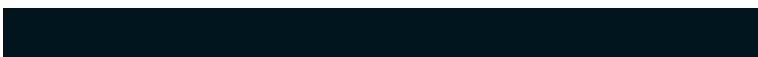
5B77B8



535A5C



007A9C



00161C



# Previews

## White Background



This preview shows how the Hex color B86F5B looks on a white background.

## Color Contrast Check

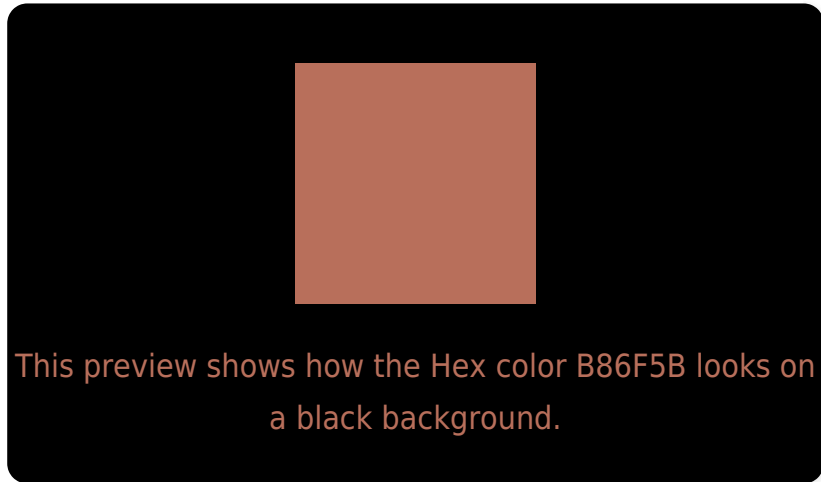
Large Text (above 18pt) WCAG AA ✓ Pass

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 B86F5B Background



This preview shows how black text looks on a background with the Hex color B86F5B.



This preview shows how white text looks on a background with the Hex color B86F5B.

# 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**  
B86F5B

**Protanopia**  
8B8263

**Deuteranopia**  
9C7D58



**Tritanopia**  
BA6C74

# Trichromacy



**Original Color**  
B86F5B

**Protanomaly**  
9B7B60

**Deuteranomaly**  
A67859

**Tritanomaly**  
B96D6B

# Monochromacy



**Original Color**  
B86F5B

**Achromatopsia**  
838383

**Achromatomaly**  
967C74

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B86F5B 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 #B86F5B looks like.

```
.text, #text, p{  
    color:#B86F5B  
}
```

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 #B86F5B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B86F5B
}
```

## Border

The CSS property to change the border of an element to Hex B86F5B 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
#B86F5B }
```

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

```
.border{ border-color:#B86F5B }
```

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

Here you see how a box with a 4 pixel #B86F5B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B86F5B; -webkit-box-shadow:4px 4px  
4px 4px #B86F5B; box-shadow:4px 4px 4px  
4px #B86F5B }
```

# Background

The CSS property to change the background color of an element to Hex B86F5B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B86F5B }
```

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

```
.background{ background-color:#B86F5B }
```

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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