

# Converting Colors

Hex(B6B26E)

Have a look what the booklet for  
Hex(B6B26E) contains.

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# **Color**

**Hex(B6B26E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B6B26E
RGB	182, 178, 110
RGB Percent	71%, 70%, 43%
CMY	0.2863, 0.3020, 0.5686
CMYK	0.00, 0.02, 0.40, 0.29
HSL	57°, 33%, 57%
HSV	57°, 40%, 71%
XYZ	38.0263, 42.9117, 21.0304
YIQ	171.4440, 24.2120, -20.3000

# Conversions

## Conversions Part 2

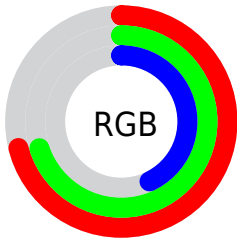
<b>Format</b>	<b>Color</b>
<b>RYB</b>	114, 182, 110
Decimal	11973230
CIELab	71.49, -8.71, 35.24
CIELCh	71, 36.304, 103.876
Yxy	42.9117, 0.3729, 0.4208
Android (android.graphics.Color)	4290163310 (0xFFB6B26E)
YUV	171.4440, -30.2919, 9.2576
Hunter-Lab	65.5070, -11.0195, 26.8204

# Details

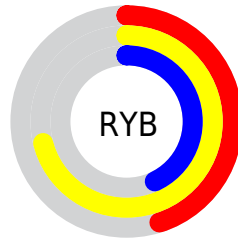
The Hex color **B6B26E** is a light color, and the websafe version is hex **999966**. A complement of this color would be **6E72B6**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **EFEAA3**, and **807E3D** is the 20% darker color. If you saturate the color by 10%, you get **B6B15C**, and if you desaturate by 10%, it is **B6B380**.

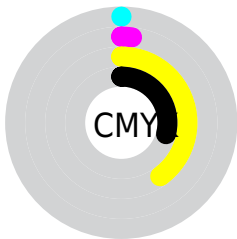
# Distribution



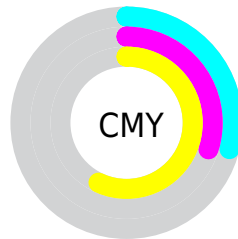
- Red (71%)
- Green (70%)
- Blue (43%)



- Red (45%)
- Yellow (71%)
- Blue (43%)



- Cyan (0%)
- Magenta (2%)
- Yellow (40%)
- Black (29%)



- Cyan (29%)
- Magenta (30%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B6B26E 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 B6B26E by changing the saturation by 10% instead.





B6B26E



B6B26E

FFFFFF



9B9755



EFEAA3



807E3D



FFFFBE



666525



FFFFDA



4C4D0C



FFFFF7



353600



1D2100



000A00



000000



B6B26E



B6B26E

 B6B15C

 B6B380

 B6B04A

 B6B492

 B6AF37

 B6B5A5

 B6AE25

 B6B6B7

 B6AD13

 B6B7C9

 B6AC01

 B6B8DB

 B6AC00

 B6B9ED

 B6BAFF

 B6BBFF

# Harmonies

## Analogous

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



D5A770



B6B26E



91BB7E

# Triad

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



B6B26E



35BEDC



E598C2

# Complementary

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



B6B26E



6E72B6

# 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.



C7A1DF



B6B26E



63B8EE

# Square

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



B6B26E



3FC1BE



99ADEF



F096A1

# Rectangle

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



B6B26E



76BE91



99ADEF



DD9ACD



# Sweetspot

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



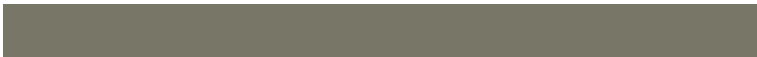
B6B26E



EDECD1



B66E73



787767



F7F7F7



787878



# Same Dimension

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



B6B26E



EDE77E



97B66E



5C5B53



9C9300



1C1A00



# Inverse Universe

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



6E72B6



7E84ED



8D6EB6



53535C



00099C



00021C



# Previews

## White Background



This preview shows how the Hex color B6B26E looks on a white background.

## Color Contrast Check

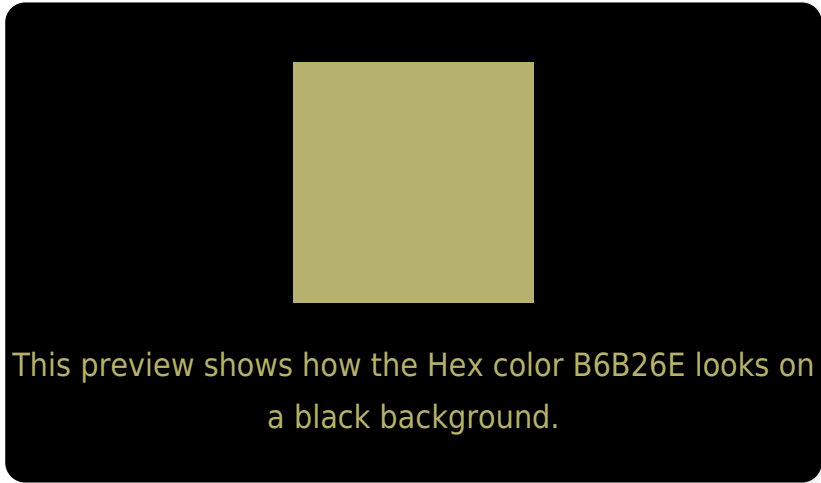
Large Text (above 18pt) WCAG AA × Fail

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

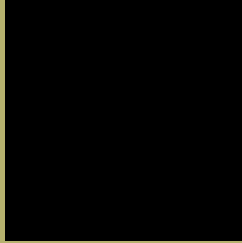
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B6B26E Background



This preview shows how black text looks on a background with the Hex color B6B26E.



This preview shows how white text looks on a background with the Hex color B6B26E.

# 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**  
B6B26E

**Protanopia**  
BFAF6D

**Deuteranopia**  
D3A770



**Tritanopia**  
BEA9B7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B6B26E 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 #B6B26E looks like.

```
.text, #text, p{  
    color:#B6B26E  
}
```

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 #B6B26E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B6B26E
}
```

## Border

The CSS property to change the border of an element to Hex B6B26E 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
#B6B26E }
```

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

```
.border{ border-color:#B6B26E }
```

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

Here you see how a box with a 4 pixel #B6B26E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B6B26E; -webkit-box-shadow:4px 4px  
4px 4px #B6B26E; box-shadow:4px 4px 4px  
4px #B6B26E }
```

# Background

The CSS property to change the background color of an element to Hex B6B26E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B6B26E }
```

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

```
.background{ background-color:#B6B26E }
```

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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