

# Converting Colors

Hex(B7B741)

Have a look what the booklet for  
Hex(B7B741) contains.

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**Color**

**Hex(B7B741)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B7B741
RGB	183, 183, 65
RGB Percent	72%, 72%, 25%
CMY	0.2824, 0.2824, 0.7451
CMYK	0.00, 0.00, 0.64, 0.28
HSL	60°, 48%, 49%
HSV	60°, 64%, 72%
XYZ	37.4161, 44.3159, 11.5828
YIQ	169.5480, 37.8780, -36.6980

# Conversions

## Conversions Part 2

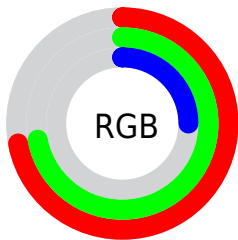
Format	Color
<a href="#">RYB</a>	<a href="#">65, 183, 65</a>
Decimal	<a href="#">12040001</a>
CIELab	<a href="#">72.44, -14.76, 57.72</a>
CIELCh	<a href="#">72, 59.573, 104.342</a>
Yxy	<a href="#">44.3159, 0.4010, 0.4749</a>
Android (android.graphics.Color)	<a href="#">4290230081 (0xFFB7B741)</a>
YUV	<a href="#">169.5480, -51.5422, 11.7974</a>
Hunter-Lab	<a href="#">66.5702, -16.1712, 36.2830</a>

# Details

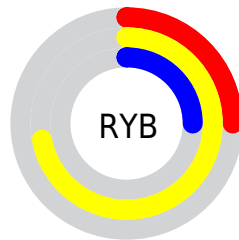
The Hex color **B7B741** is a dark color, and the websafe version is hex **CCCC66**. A complement of this color would be **4141B7**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **F1EF77**, and **7F8200** is the 20% darker color. If you saturate the color by 10%, you get **B7B72F**, and if you desaturate by 10%, it is **B7B753**.

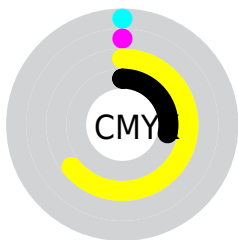
# Distribution



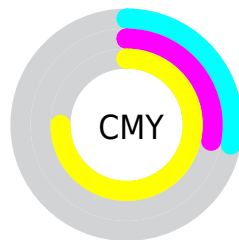
- Red (72%)
- Green (72%)
- Blue (25%)



- Red (25%)
- Yellow (72%)
- Blue (25%)



- Cyan (0%)
- Magenta (0%)
- Yellow (64%)
- Black (28%)



- Cyan (28%)
- Magenta (28%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B7B741 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 B7B741 by changing the saturation by 10% instead.



 B7B741

 B7B741

FFFFFF

 9B9C25

 F1EF77

 7F8200

 FFFF92

 646900

 FFFFAE

 4A5100

 FFFFCA

 2F3A00

 FFFFEE

 162500

 001000

 000000

 B7B741

 B7B741

 B7B72F

 B7B753

 B7B71C

 B7B766

 B7B70A

 B7B778

 B7B700

 B7B78A

 B7B79C

 B7B7AF

 B7B7C1

 B7B7D3

 B7B7E6

# Harmonies

## Analogous

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



E8A545



B7B741



7AC460

# Triad

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



B7B741



00C9FD



FF86D1

# Complementary

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



B7B741



4141B7

# 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.



D798FF



B7B741



00C0FF

# Square

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



B7B741



00CDCB



81AFFF



FF829A

# Rectangle

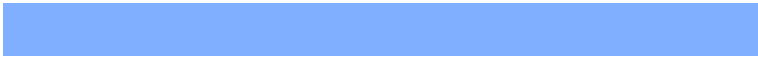
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



B7B741



3DC980



81AFFF



FB8BE2



# Sweetspot

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



B7B741



EDED00



B74141



78785C



F7F7F7



787878



# Same Dimension

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



B7B741



EDED37



7CB741



5C5C53



9C9C00



1C1C00



# Inverse Universe

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



4141B7



3737ED



7C41B7



53535C



00009C



00001C



# Previews

## White Background



This preview shows how the Hex color B7B741 looks on a white background.

## Color Contrast Check

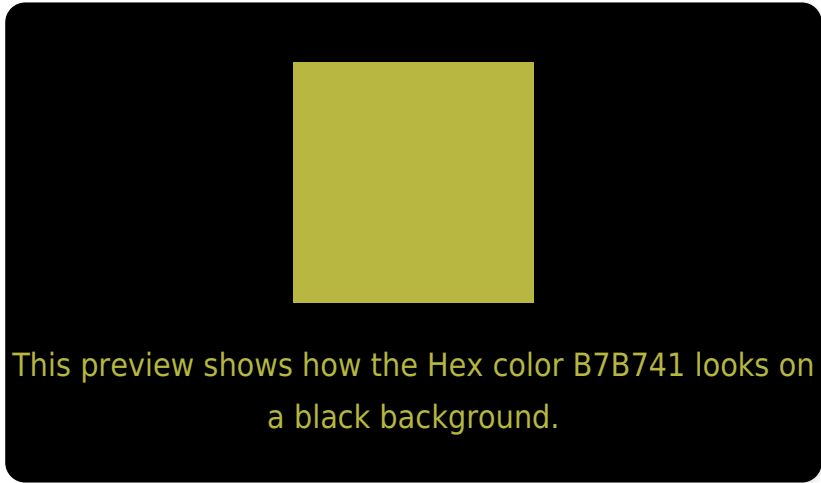
Large Text (above 18pt) WCAG AA × Fail

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 B7B741 Background



This preview shows how black text looks on a background with the Hex color B7B741.



This preview shows how white text looks on a background with the Hex color B7B741.

# 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**  
B7B741

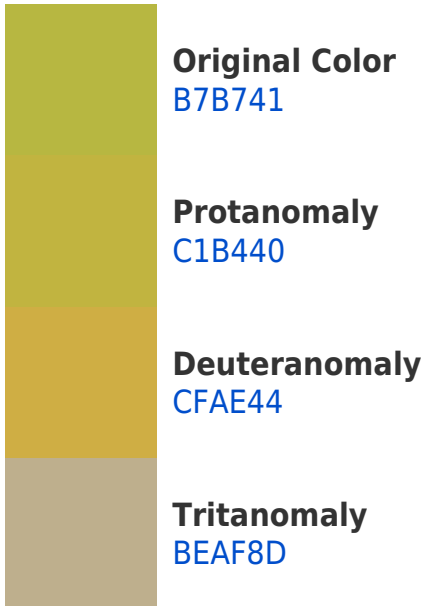
**Protanopia**  
C6B240

**Deuteranopia**  
DDA946



**Tritanopia**  
C2ABB9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B7B741 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 #B7B741 looks like.

```
.text, #text, p{  
    color:#B7B741  
}
```

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 #B7B741 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7B741
}
```

## Border

The CSS property to change the border of an element to Hex B7B741 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
#B7B741 }
```

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

```
.border{ border-color:#B7B741 }
```

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

Here you see how a box with a 4 pixel #B7B741 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7B741; -webkit-box-shadow:4px 4px  
4px 4px #B7B741; box-shadow:4px 4px 4px  
4px #B7B741 }
```

# Background

The CSS property to change the background color of an element to Hex B7B741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7B741 }
```

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

```
.background{ background-color:#B7B741 }
```

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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