

# Converting Colors

Hex(B6C16A)

Have a look what the booklet for  
Hex(B6C16A) contains.

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# **Color**

**Hex(B6C16A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B6C16A
RGB	182, 193, 106
RGB Percent	71%, 76%, 42%
CMY	0.2863, 0.2431, 0.5843
CMYK	0.06, 0.00, 0.45, 0.24
HSL	68°, 41%, 59%
HSV	68°, 45%, 76%
XYZ	40.9629, 49.1256, 20.9589
YIQ	179.7930, 21.3710, -29.3890

# Conversions

## Conversions Part 2

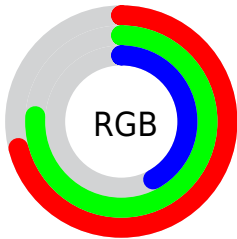
<b>Format</b>	<b>Color</b>
<b>RYB</b>	106, 193, 117
Decimal	11977066
CIELab	75.53, -16.85, 42.33
CIELCh	76, 45.560, 111.701
Yxy	49.1256, 0.3689, 0.4424
Android (android.graphics.Color)	4290167146 (0xFFB6C16A)
YUV	179.7930, -36.3799, 1.9355
Hunter-Lab	70.0897, -18.3352, 31.3333

# Details

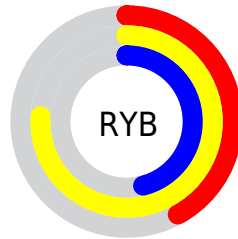
The Hex color **B6C16A** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **756AC1**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **EFF99F**, and **7F8C38** is the 20% darker color. If you saturate the color by 10%, you get **B4C157**, and if you desaturate by 10%, it is **B8C17D**.

# Distribution



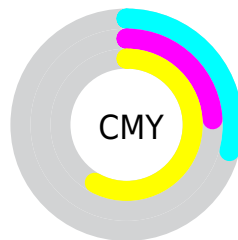
- Red (71%)
- Green (76%)
- Blue (42%)



- Red (42%)
- Yellow (76%)
- Blue (46%)



- Cyan (6%)
- Magenta (0%)
- Yellow (45%)
- Black (24%)



- Cyan (29%)
- Magenta (24%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B6C16A 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 B6C16A by changing the saturation by 10% instead.



 B6C16A

 B6C16A

FFFFFF

 9AA651

 EFF99F

 7F8C38

 FFFFBA

 65721E

 FFFFFD6

 4C5A01

 FFFFF3

 344200

 1B2C00

 001900

 000000

 B6C16A

 B6C16A

 B4C157

 B8C17D

 B1C143

 BBC191

 AFC130

 BDC1A4

 ACC11D

 C0C1B7

 AAC109

 C2C1CB

 A9C100

 C5C1DE

 C7C1F1

 CAC1FF

 CCC1FF

# Harmonies

## Analogous

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



DFB466



B6C16A



85CA84

# Triad

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



B6C16A



00CBFB



FF99C8

# Complementary

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



B6C16A



756AC1

# 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.



E3A4EF



B6C16A



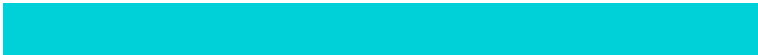
60C2FF

# Square

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



B6C16A



00D0D8



ADB4FF



FF9A9D

# Rectangle

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



B6C16A



5ECE9E



ADB4FF



FB9CD5

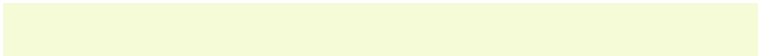


# Sweetspot

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



B6C16A



F5FAD7



C1746A



7A7D68



FCFCFC



7D7D7D



# Same Dimension

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



B6C16A



E9FA73



8BC16A



606157



8CA100



1D2100



# Inverse Universe

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



756AC1



8473FA



A06AC1



585761



1400A1



040021



# Previews

## White Background



This preview shows how the Hex color B6C16A looks on a white background.

## Color Contrast Check

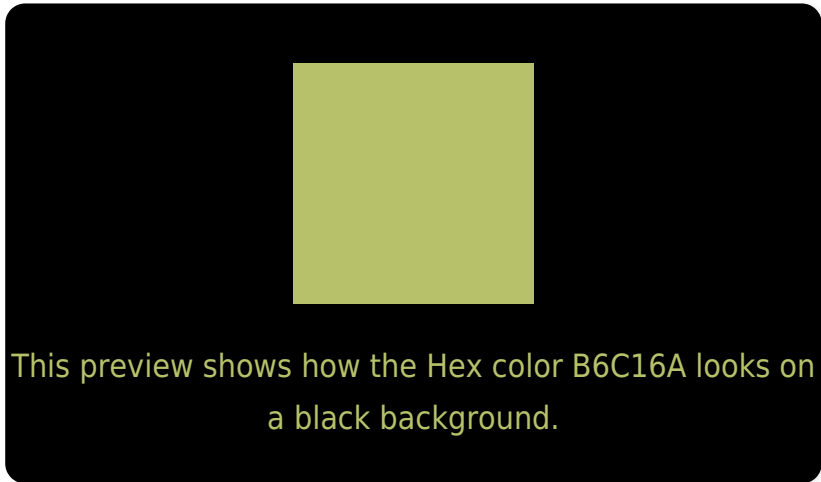
Large Text (above 18pt) WCAG AA × Fail

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

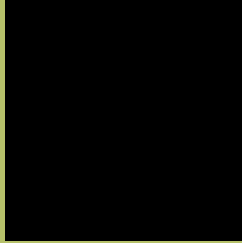
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B6C16A Background



This preview shows how black text looks on a background with the Hex color B6C16A.

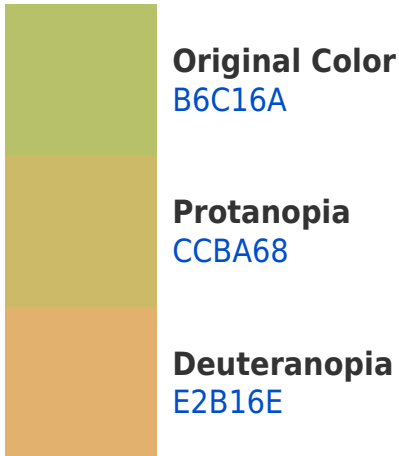


This preview shows how white text looks on a background with the Hex color B6C16A.

# 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](#).

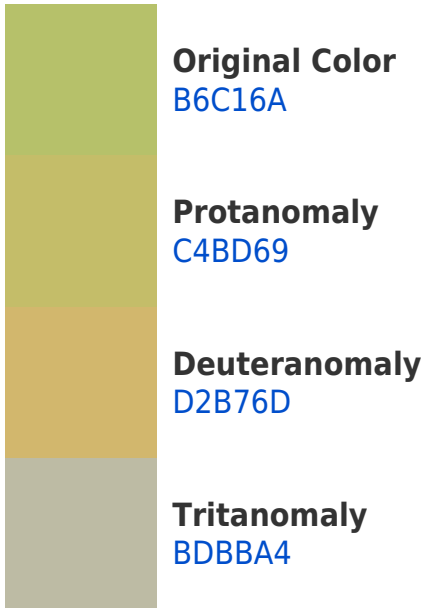
## Dichromacy



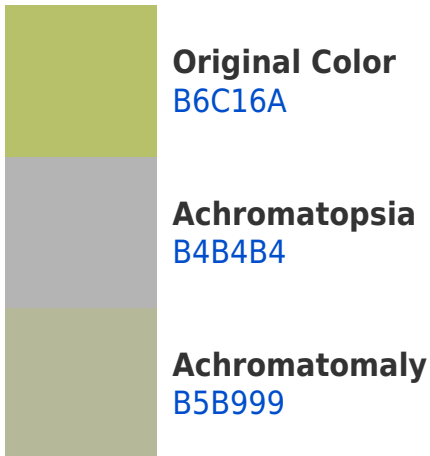


**Tritanopia**  
C1B7C5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B6C16A 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 #B6C16A looks like.

```
.text, #text, p{  
    color:#B6C16A  
}
```

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 #B6C16A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B6C16A
}
```

## Border

The CSS property to change the border of an element to Hex B6C16A 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
#B6C16A }
```

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

```
.border{ border-color:#B6C16A }
```

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

Here you see how a box with a 4 pixel #B6C16A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B6C16A; -webkit-box-shadow:4px 4px  
4px 4px #B6C16A; box-shadow:4px 4px 4px  
4px #B6C16A }
```

# Background

The CSS property to change the background color of an element to Hex B6C16A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B6C16A }
```

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

```
.background{ background-color:#B6C16A }
```

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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