

# Converting Colors

Hex(B7C963)

Have a look what the booklet for  
Hex(B7C963) contains.

<b>Hex(B7C963)</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(B7C963)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B7C963
RGB	183, 201, 99
RGB Percent	72%, 79%, 39%
CMY	0.2824, 0.2118, 0.6118
CMYK	0.09, 0.00, 0.51, 0.21
HSL	71°, 49%, 59%
HSV	71°, 51%, 79%
XYZ	42.6672, 52.7414, 19.7357
YIQ	183.9900, 22.0140, -35.5380

# Conversions

## Conversions Part 2

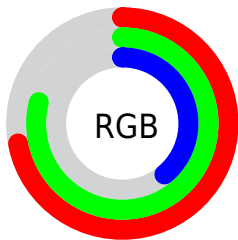
Format	Color
<a href="#">RYB</a>	<a href="#">99, 201, 117</a>
Decimal	<a href="#">12044643</a>
CIELab	<a href="#">77.72, -21.13, 48.40</a>
CIELCh	<a href="#">78, 52.815, 113.584</a>
Yxy	<a href="#">52.7414, 0.3706, 0.4580</a>
Android (android.graphics.Color)	<a href="#">4290234723 (0xFFB7C963)</a>
YUV	<a href="#">183.9900, -41.9001, -0.8682</a>
Hunter-Lab	<a href="#">72.6233, -22.2195, 34.7240</a>

# Details

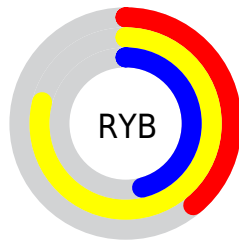
The Hex color **B7C963** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **7563C9**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **F1FF98**, and **80932F** is the 20% darker color. If you saturate the color by 10%, you get **B3C94F**, and if you desaturate by 10%, it is **BBC977**.

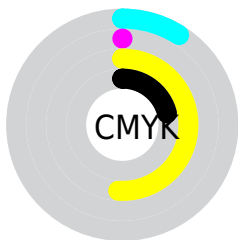
# Distribution



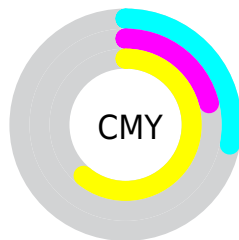
- Red (72%)
- Green (79%)
- Blue (39%)



- Red (39%)
- Yellow (79%)
- Blue (46%)



- Cyan (9%)
- Magenta (0%)
- Yellow (51%)
- Black (21%)



- Cyan (28%)
- Magenta (21%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B7C963 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 B7C963 by changing the saturation by 10% instead.



 B7C963

 B7C963

FFFFFF

 9BAE49

 F1FF98

 80932F

 FFFFFB4

 657913

 FFFFFD0

 4B6000

 FFFFFED

 334900

 193200

 001E00

 000000

 B7C963

 B7C963

 B3C94F

 BBC977

 B0C93B

 BEC98B

 ACC927

 C2C99F

 A9C913

 C5C9B3

 A6C900

 C9C9C8

 CCC9DC

 D0C9F0

 D3C9FF

 D7C9FF

# Harmonies

## Analogous

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



E7BA5D



B7C963



7CD384

# Triad

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



B7C963



00D4FF



FF98CD

# Complementary

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



B7C963



7563C9

# 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.



F3A5FB



B7C963



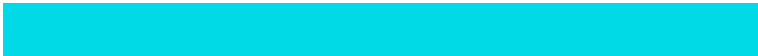
4FC8FF

# Square

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



B7C963



00D9E6



B4B7FF



FF9A9C

# Rectangle

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



B7C963



46D7A3



B4B7FF



FF9BDD

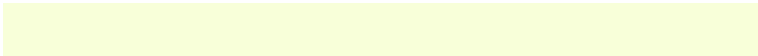


# Sweetspot

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



B7C963



F8FFD9



C97463



7B8069



000000



808080



# Same Dimension

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



B7C963



E4FF63



85C963



62635A



86A300



1D2400



# Inverse Universe

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



7563C9



7F63FF



A763C9



5B5A63



1D00A3



060024



# Previews

## White Background



This preview shows how the Hex color B7C963 looks on a white background.

## Color Contrast Check

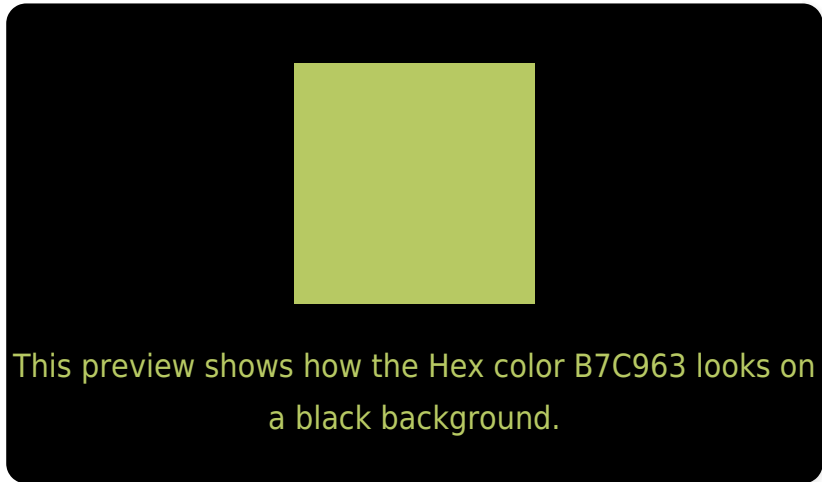
Large Text (above 18pt) WCAG AA × Fail

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 B7C963 Background



This preview shows how black text looks on a background with the Hex color B7C963.

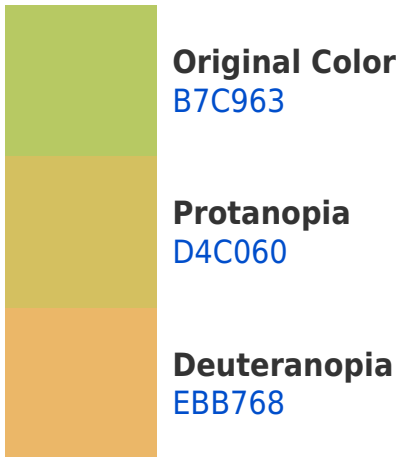


This preview shows how white text looks on a background with the Hex color B7C963.

# Color Blindness Simulation

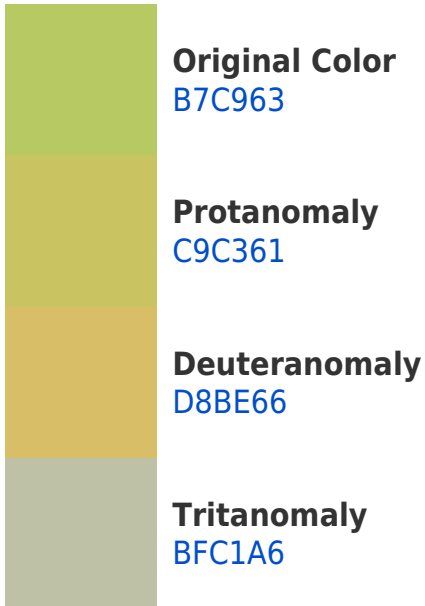
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

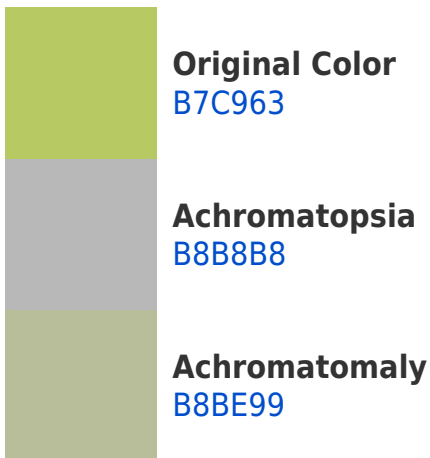




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B7C963 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 #B7C963 looks like.

```
.text, #text, p{  
    color:#B7C963  
}
```

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 #B7C963 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7C963
}
```

## Border

The CSS property to change the border of an element to Hex B7C963 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
#B7C963 }
```

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

```
.border{ border-color:#B7C963 }
```

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

Here you see how a box with a 4 pixel #B7C963 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7C963; -webkit-box-shadow:4px 4px  
4px 4px #B7C963; box-shadow:4px 4px 4px  
4px #B7C963 }
```

# Background

The CSS property to change the background color of an element to Hex B7C963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7C963 }
```

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

```
.background{ background-color:#B7C963 }
```

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