

# Converting Colors

Hex(B5C149)

Have a look what the booklet for  
Hex(B5C149) contains.

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**Color**

**Hex(B5C149)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B5C149
RGB	181, 193, 73
RGB Percent	71%, 76%, 29%
CMY	0.2902, 0.2431, 0.7137
CMYK	0.06, 0.00, 0.62, 0.24
HSL	66°, 49%, 52%
HSV	66°, 62%, 76%
XYZ	39.3286, 48.4447, 13.5813
YIQ	175.7320, 31.3680, -39.8640

# Conversions

## Conversions Part 2

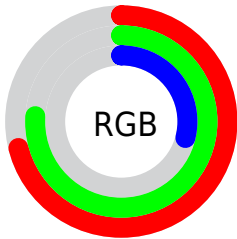
Format	Color
<a href="#">RYB</a>	<a href="#">73, 193, 85</a>
Decimal	<a href="#">11911497</a>
CIELab	<a href="#">75.10, -20.11, 57.15</a>
CIElCh	<a href="#">75, 60.582, 109.383</a>
Yxy	<a href="#">48.4447, 0.3880, 0.4780</a>
Android (android.graphics.Color)	<a href="#">4290101577 (0xFFB5C149)</a>
YUV	<a href="#">175.7320, -50.6469, 4.6200</a>
Hunter-Lab	<a href="#">69.6022, -20.9428, 37.1525</a>

# Details

The Hex color **B5C149** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted chartreuse. A complement of this color would be **5549C1**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **EFF97F**, and **7D8C0B** is the 20% darker color. If you saturate the color by 10%, you get **B3C136**, and if you desaturate by 10%, it is **B7C15C**.

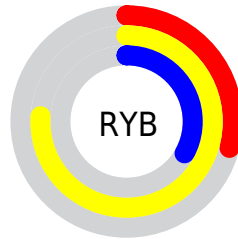
# Distribution



Red (71%)

Green (76%)

Blue (29%)



Red (29%)

Yellow (76%)

Blue (33%)

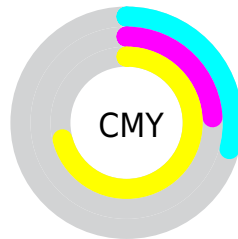


Cyan (6%)

Magenta (0%)

Yellow (62%)

Black (24%)



Cyan (29%)

Magenta (24%)

Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B5C149 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 B5C149 by changing the saturation by 10% instead.



 B5C149

 B5C149

FFFFFF

 99A62D

 EFF97F

 7D8C0B

 FFFF9A

 627200

 FFFFB6

 485A00

 FFFFDD

 2E4200

 FFFFEE

 142C00

 001A00

 000000

 B5C149

 B5C149

 B3C136

 B7C15C

 B1C122

 B9C170

 AFC10F

 BBC183

 AEC100

 BDC196

 BFC1AA

 C1C1BD

 C3C1D0

 C4C1E3

 C6C1F7

# Harmonies

## Analogous

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



E9AF47



B5C149



73CD6D

# Triad

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



B5C149



00D0FF



FF8ACF

# Complementary

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



B5C149



5549C1

# 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.



EA9BFF



B5C149



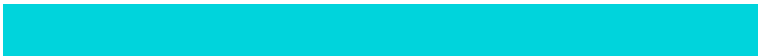
00C5FF

# Square

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



B5C149



00D4DC



9AB2FF



FF8A97

# Rectangle

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



B5C149



27D290



9AB2FF



FF8EE1



# Sweetspot

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



B5C149



F5FACA



C15549



7A7D60



FCFCFC



7D7D7D



# Same Dimension

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



B5C149



E7FA3E



7BC149



606157



91A100



1E2100



# Inverse Universe

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



5549C1



513EFA



9149C1



585761



1000A1



030021



# Previews

## White Background



This preview shows how the Hex color B5C149 looks on a white background.

## Color Contrast Check

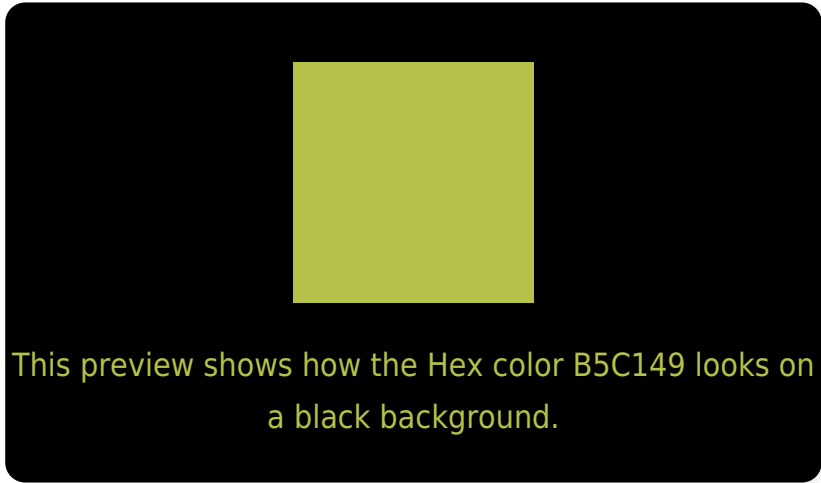
Large Text (above 18pt) WCAG AA × Fail

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 B5C149 Background



This preview shows how black text looks on a background with the Hex color B5C149.

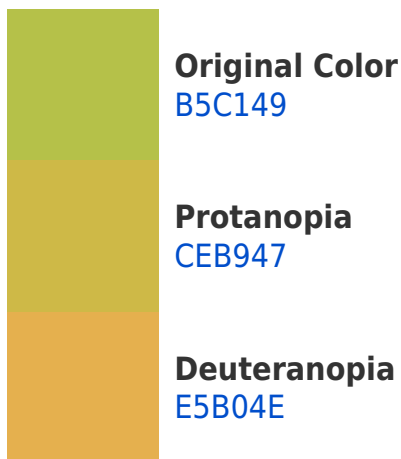


This preview shows how white text looks on a background with the Hex color B5C149.

# 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](#).

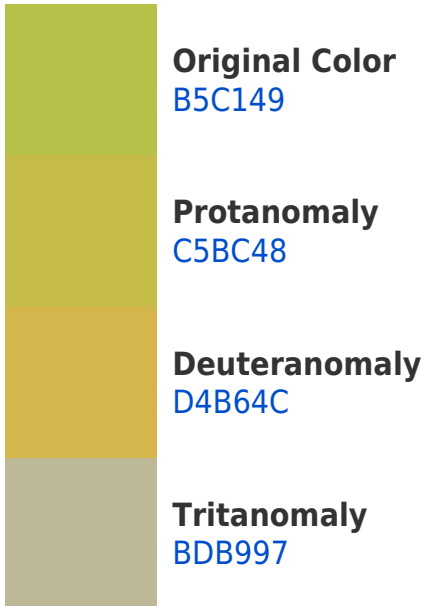
## Dichromacy



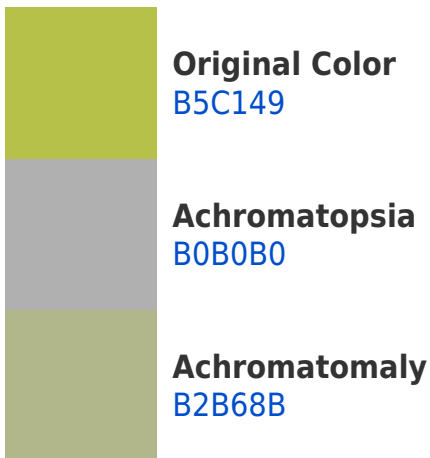


**Tritanopia**  
C1B5C3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B5C149 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 #B5C149 looks like.

```
.text, #text, p{  
    color:#B5C149  
}
```

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 #B5C149 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5C149
}
```

## Border

The CSS property to change the border of an element to Hex B5C149 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
#B5C149 }
```

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

```
.border{ border-color:#B5C149 }
```

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

Here you see how a box with a 4 pixel #B5C149 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5C149; -webkit-box-shadow:4px 4px  
4px 4px #B5C149; box-shadow:4px 4px 4px  
4px #B5C149 }
```

# Background

The CSS property to change the background color of an element to Hex B5C149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5C149 }
```

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

```
.background{ background-color:#B5C149 }
```

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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