

# Converting Colors

Hex(B2C969)

Have a look what the booklet for  
Hex(B2C969) contains.

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**Color**

**Hex(B2C969)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B2C969
RGB	178, 201, 105
RGB Percent	70%, 79%, 41%
CMY	0.3020, 0.2118, 0.5882
CMYK	0.11, 0.00, 0.48, 0.21
HSL	74°, 47%, 60%
HSV	74°, 48%, 79%
XYZ	41.7965, 52.2582, 21.2485
YIQ	183.1790, 17.1080, -34.7320

# Conversions

## Conversions Part 2

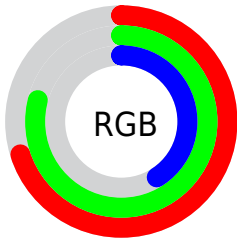
Format	Color
<a href="#">RYB</a>	<a href="#">105, 201, 128</a>
Decimal	<a href="#">11716969</a>
CIELab	<a href="#">77.43, -22.51, 45.09</a>
CIELCh	<a href="#">77, 50.396, 116.536</a>
Yxy	<a href="#">52.2582, 0.3625, 0.4532</a>
Android (android.graphics.Color)	<a href="#">4289907049 (0xFFB2C969)</a>
YUV	<a href="#">183.1790, -38.5422, -4.5420</a>
Hunter-Lab	<a href="#">72.2898, -23.3020, 33.1755</a>

# Details

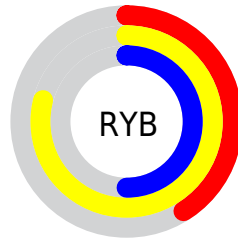
The Hex color **B2C969** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **8069C9**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **EBFF9E**, and **7B9336** is the 20% darker color. If you saturate the color by 10%, you get **ADC955**, and if you desaturate by 10%, it is **B7C97D**.

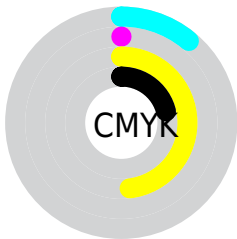
# Distribution



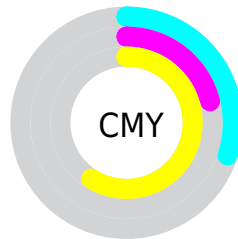
- Red (70%)
- Green (79%)
- Blue (41%)



- Red (41%)
- Yellow (79%)
- Blue (50%)



- Cyan (11%)
- Magenta (0%)
- Yellow (48%)
- Black (21%)



- Cyan (30%)
- Magenta (21%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B2C969 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 B2C969 by changing the saturation by 10% instead.





B2C969



B2C969

FFFFFF



96AE4F



EBFF9E



7B9336



FFFFBA



61791C



FFFFD6



476000



FFFFF3



2F4800



153200



001E00



000000



B2C969



B2C969

 ADC955

 B7C97D

 A8C941

 BCC991

 A4C92D

 C0C9A5

 9FC919

 C5C9B9

 9AC905

 CAC9CE

 99C900

 CFC9E2

 D4C9F6

 D9C9FF

 DDC9FF

# Harmonies

## Analogous

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



E1BB60



B2C969



79D28A

# Triad

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



B2C969



00D1FF



FF99C7

# Complementary

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



B2C969



8069C9

# 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.



F4A4F3



B2C969



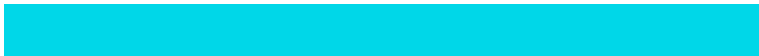
65C6FF

# Square

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



B2C969



00D7E8



BBB5FF



FF9C98

# Rectangle

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



B2C969



46D6A8



BBB5FF



FF9CD6

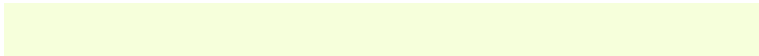


# Sweetspot

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



B2C969



F6FFDB



C97F69



7A806A



000000



808080



# Same Dimension

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



B2C969



DCFF6E



83C969



61635A



7CA300



1B2400



# Inverse Universe

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



8069C9



906EFF



AF69C9



5C5A63



2700A3



090024



# Previews

## White Background



This preview shows how the Hex color B2C969 looks on a white background.

## Color Contrast Check

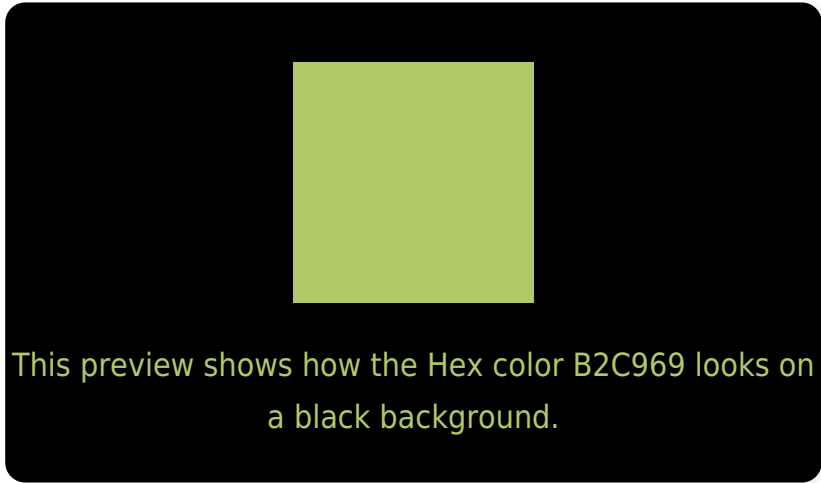
Large Text (above 18pt) WCAG AA × Fail

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 B2C969 Background



This preview shows how black text looks on a background with the Hex color B2C969.

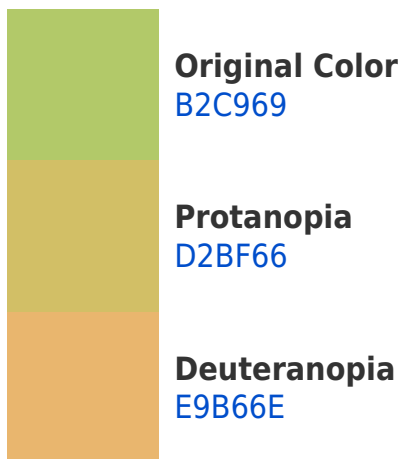


This preview shows how white text looks on a background with the Hex color B2C969.

# Color Blindness Simulation

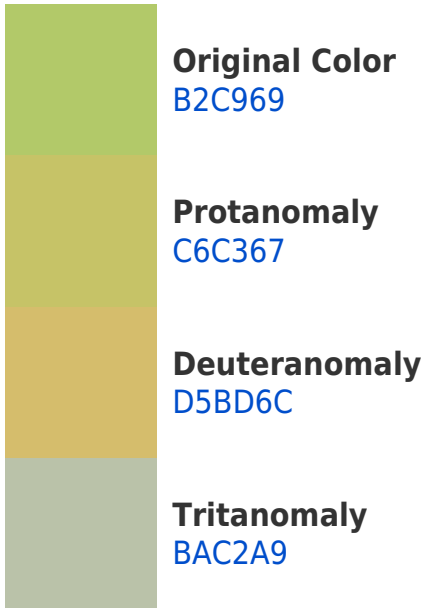
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

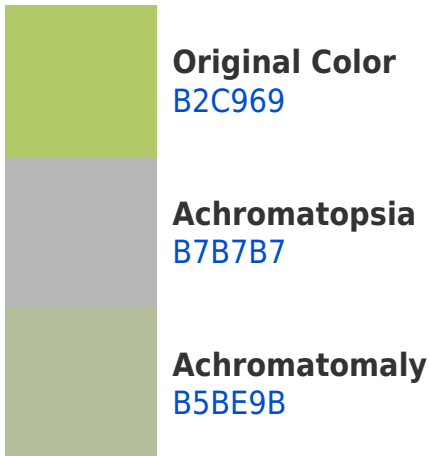




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B2C969 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 #B2C969 looks like.

```
.text, #text, p{  
    color:#B2C969  
}
```

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 #B2C969 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2C969
}
```

## Border

The CSS property to change the border of an element to Hex B2C969 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
#B2C969 }
```

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

```
.border{ border-color:#B2C969 }
```

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

Here you see how a box with a 4 pixel #B2C969 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2C969; -webkit-box-shadow:4px 4px  
4px 4px #B2C969; box-shadow:4px 4px 4px  
4px #B2C969 }
```

# Background

The CSS property to change the background color of an element to Hex B2C969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2C969 }
```

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

```
.background{ background-color:#B2C969 }
```

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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