

# Converting Colors

Hex(B3C668)

Have a look what the booklet for  
Hex(B3C668) contains.

<b>Hex(B3C668)</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(B3C668)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B3C668
RGB	179, 198, 104
RGB Percent	70%, 78%, 41%
CMY	0.2980, 0.2235, 0.5922
CMYK	0.10, 0.00, 0.47, 0.22
HSL	72°, 45%, 59%
HSV	72°, 47%, 78%
XYZ	41.2832, 50.9713, 20.7593
YIQ	181.6030, 18.8500, -33.2620

# Conversions

## Conversions Part 2

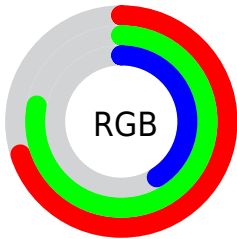
Format	Color
<a href="#">RYB</a>	<a href="#">104, 198, 123</a>
Decimal	<a href="#">11781736</a>
CIELab	<a href="#">76.66, -20.74, 44.65</a>
CIELCh	<a href="#">77, 49.235, 114.919</a>
Yxy	<a href="#">50.9713, 0.3653, 0.4510</a>
Android (android.graphics.Color)	<a href="#">4289971816 (0xFFB3C668)</a>
YUV	<a href="#">181.6030, -38.2583, -2.2828</a>
Hunter-Lab	<a href="#">71.3942, -21.7236, 32.7362</a>

# Details

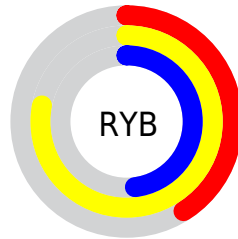
The Hex color **B3C668** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **7B68C6**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **ECFF9D**, and **7C9035** is the 20% darker color. If you saturate the color by 10%, you get **AFC654**, and if you desaturate by 10%, it is **B7C67C**.

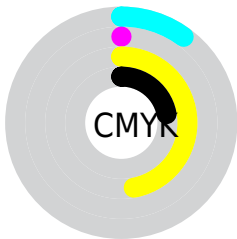
# Distribution



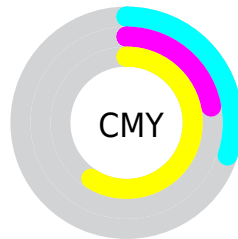
- Red (70%)
- Green (78%)
- Blue (41%)



- Red (41%)
- Yellow (78%)
- Blue (48%)



- Cyan (10%)
- Magenta (0%)
- Yellow (47%)
- Black (22%)



- Cyan (30%)
- Magenta (22%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B3C668 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 B3C668 by changing the saturation by 10% instead.





B3C668



B3C668

FFFFFF



97AB4E



ECFF9D



7C9035



FFFFB9



62771B



FFFFD5



485E00



FFFFF1



304600



173000



001D00



000000



B3C668



B3C668

 AFC654

 B7C67C

 ABC640

 BBC690

 A7C62D

 BFC6A3

 A3C619

 C3C6B7

 9FC605

 C7C6CB

 9EC600

 CBC6DF

 CFC6F3

 D3C6FF

 D7C6FF

# Harmonies

## Analogous

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



E0B861



B3C668



7DD087

# Triad

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



B3C668



00CFFF



FF99C7

# Complementary

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



B3C668



7B68C6

# 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.



EFA3F2



B3C668



60C4FF

# Square

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



B3C668



00D4E2



B5B4FF



FF9B99

# Rectangle

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



B3C668



4DD3A4



B5B4FF



FF9BD6

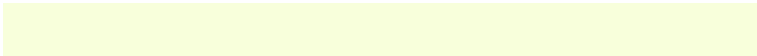


# Sweetspot

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



B3C668



F8FFDB



C67B68



7B806A



000000



808080



# Same Dimension

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



B3C668



E2FF6E



84C668



61635A



82A300



1C2400



# Inverse Universe

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



7B68C6



8B6EFF



AA68C6



5C5A63



2100A3

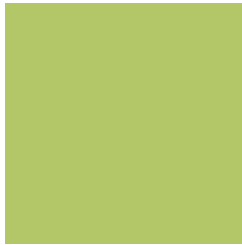


070024



# Previews

## White Background



This preview shows how the Hex color B3C668 looks on a white background.

## Color Contrast Check

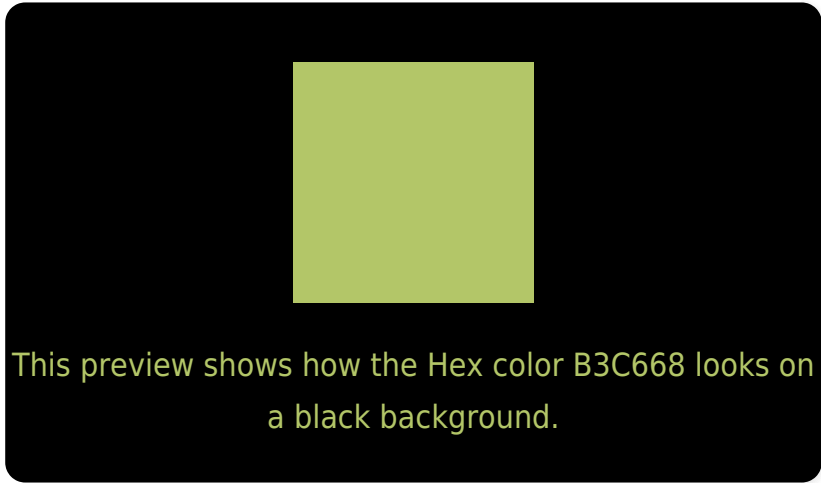
Large Text (above 18pt) WCAG AA × Fail

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

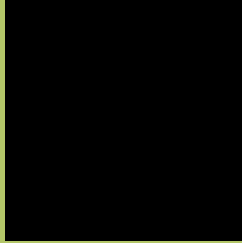
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B3C668 Background



This preview shows how black text looks on a background with the Hex color B3C668.

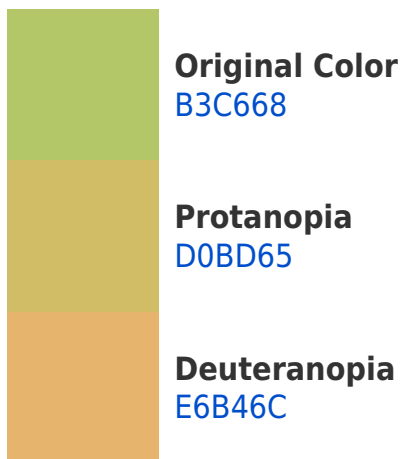


This preview shows how white text looks on a background with the Hex color B3C668.

# Color Blindness Simulation

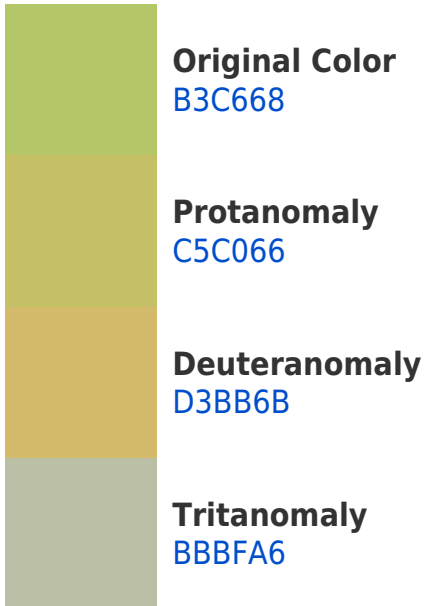
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B3C668 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 #B3C668 looks like.

```
.text, #text, p{  
    color:#B3C668  
}
```

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 #B3C668 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B3C668  
}
```

## Border

The CSS property to change the border of an element to Hex B3C668 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  
#B3C668 }
```

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

```
.border{ border-color:#B3C668 }
```

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

Here you see how a box with a 4 pixel #B3C668 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B3C668; -webkit-box-shadow:4px 4px  
4px 4px #B3C668; box-shadow:4px 4px 4px  
4px #B3C668 }
```

# Background

The CSS property to change the background color of an element to Hex B3C668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B3C668 }
```

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

```
.background{ background-color:#B3C668 }
```

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