

# Converting Colors

Hex(B3C685)

Have a look what the booklet for  
Hex(B3C685) contains.

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**Color**

**Hex(B3C685)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B3C685
RGB	179, 198, 133
RGB Percent	70%, 78%, 52%
CMY	0.2980, 0.2235, 0.4784
CMYK	0.10, 0.00, 0.33, 0.22
HSL	78°, 36%, 65%
HSV	78°, 33%, 78%
XYZ	43.0181, 51.6653, 29.8954
YIQ	184.9090, 9.5410, -24.2430

# Conversions

## Conversions Part 2

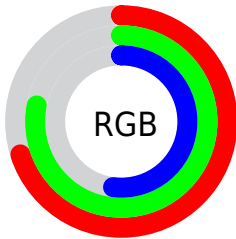
<b>Format</b>	<b>Color</b>
<b>RYB</b>	133, 198, 152
Decimal	11781765
CIELab	77.08, -17.32, 30.49
CIELCh	77, 35.067, 119.593
Yxy	51.6653, 0.3453, 0.4147
Android (android.graphics.Color)	4289971845 (0xFFB3C685)
YUV	184.9090, -25.5911, -5.1822
Hunter-Lab	71.8786, -18.9583, 25.6554

# Details

The Hex color **B3C685** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **9885C6**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **EBFFBB**, and **7D9053** is the 20% darker color. If you saturate the color by 10%, you get **ADC671**, and if you desaturate by 10%, it is **B9C699**.

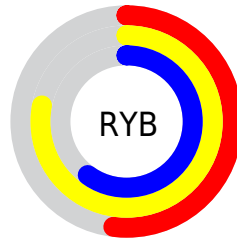
# Distribution



Red (70%)

Green (78%)

Blue (52%)



Red (52%)

Yellow (78%)

Blue (60%)

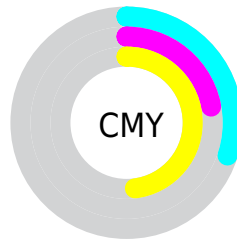


Cyan (10%)

Magenta (0%)

Yellow (33%)

Black (22%)



Cyan (30%)

Magenta (22%)

Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B3C685 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 B3C685 by changing the saturation by 10% instead.





B3C685



B3C685

FFFFFF



98AB6B



EBFFBB



7D9053



FFFFD7



64763B



FFFFF3



4B5E23



33460C



1E3000



001C00



000000



B3C685



B3C685

 ADC671

 B9C699

 A7C65D

 BFC6AD

 A2C64A

 C4C6C0

 9CC636

 CAC6D4

 96C622

 D0C6E8

 90C60E

 D6C6FC

 8CC600

 DCC6FF

 E1C6FF

 E7C6FF

# Harmonies

## Analogous

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



D5BC7D



B3C685



8DCD9C

# Triad

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



B3C685



63CAF5



FCA6C0

# Complementary

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



B3C685



9885C6

# 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.



E7ABE0



B3C685



92C2FF

# Square

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



B3C685



50CFDD



C2B6F7



FEA8A0

# Rectangle

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



B3C685



73CFB2



C2B6F7



F7A7CB



# Sweetspot

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



B3C685



F8FFE6



C69785



7B8070



000000



808080

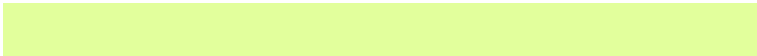


# Same Dimension

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



B3C685



E2FF9C



93C685



61635A



73A300



192400



# Inverse Universe

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



9885C6



B99CFF



B885C6



5C5A63



3000A3



0A0024



# Previews

## White Background



This preview shows how the Hex color B3C685 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



This preview shows how the Hex color B3C685 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

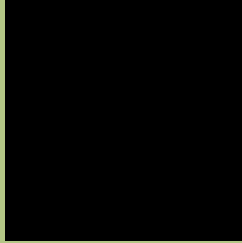
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B3C685 Background



This preview shows how black text looks on a background with the Hex color B3C685.



This preview shows how white text looks on a background with the Hex color B3C685.

# Color Blindness Simulation

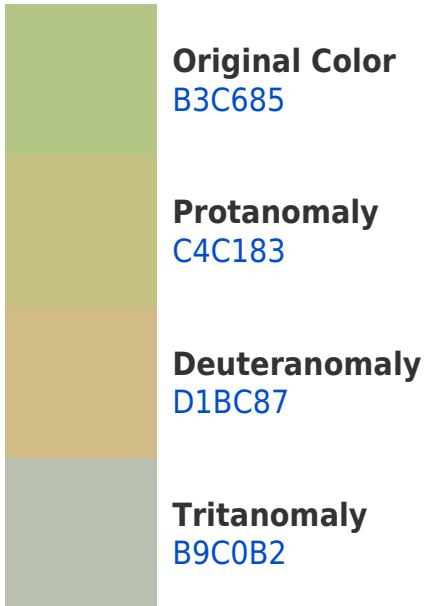
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

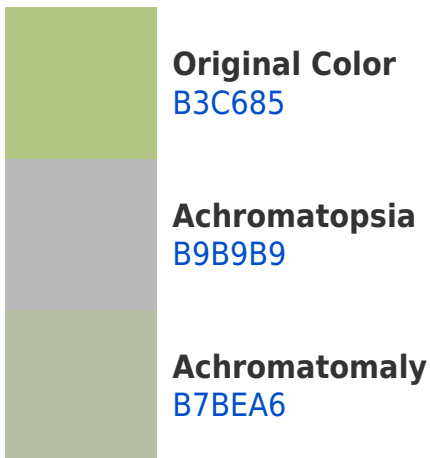




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B3C685 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 #B3C685 looks like.

```
.text, #text, p{  
    color:#B3C685  
}
```

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 #B3C685 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B3C685
}
```

## Border

The CSS property to change the border of an element to Hex B3C685 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
#B3C685 }
```

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

```
.border{ border-color:#B3C685 }
```

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

Here you see how a box with a 4 pixel #B3C685 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B3C685; -webkit-box-shadow:4px 4px  
4px 4px #B3C685; box-shadow:4px 4px 4px  
4px #B3C685 }
```

# Background

The CSS property to change the background color of an element to Hex B3C685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B3C685 }
```

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

```
.background{ background-color:#B3C685 }
```

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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