

Converting Colors

Hex(B0C684)

Have a look what the booklet for
Hex(B0C684) contains.

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Color

Hex(B0C684)

Conversions

Conversions Part 1

Format	Color
Hex	B0C684
RGB	176, 198, 132
RGB Percent	69%, 78%, 52%
CMY	0.3098, 0.2235, 0.4824
CMYK	0.11, 0.00, 0.33, 0.22
HSL	80°, 37%, 65%
HSV	80°, 33%, 78%
XYZ	42.2634, 51.2842, 29.5011
YIQ	183.8980, 8.0740, -25.1900

Conversions

Conversions Part 2

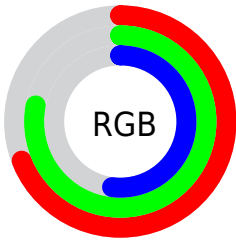
Format	Color
RYB	132, 198, 154
Decimal	11585156
CIELab	76.85, -18.59, 30.67
CIELCh	77, 35.863, 121.216
Yxy	51.2842, 0.3435, 0.4168
Android (android.graphics.Color)	4289775236 (0xFFB0C684)
YUV	183.8980, -25.5857, -6.9265
Hunter-Lab	71.6130, -19.9784, 25.7045

Details

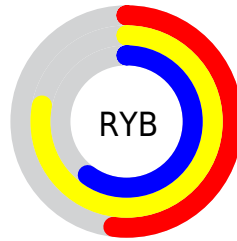
The Hex color **B0C684** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **9A84C6**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **E8FFBA**, and **7B9052** is the 20% darker color. If you saturate the color by 10%, you get **A9C670**, and if you desaturate by 10%, it is **B7C698**.

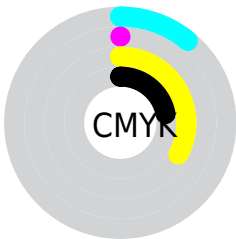
Distribution



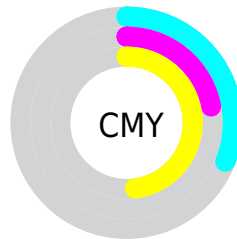
- Red (69%)
- Green (78%)
- Blue (52%)



- Red (52%)
- Yellow (78%)
- Blue (60%)



- Cyan (11%)
- Magenta (0%)
- Yellow (33%)
- Black (22%)



- Cyan (31%)
- Magenta (22%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color B0C684 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 B0C684 by changing the saturation by 10% instead.



B0C684



B0C684

FFFFFF



95AB6A



E8FFBA



7B9052



FFFFD6



61763A



FFFFF2



485E22



30460B



1B2F00



001C00



000000



B0C684



B0C684

 A9C670

 B7C698

 A3C65C

 BDC6AC

 9CC649

 C4C6BF

 96C635

 CAC6D3

 8FC621

 D1C6E7

 88C60D

 D8C6FB

 84C600

 DEC6FF

 E5C6FF

 EBC6FF

Harmonies

Analogous

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



D3BC7B



B0C684



89CD9D

Triad

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



B0C684



61CAF7



FDA5BE

Complementary

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



B0C684



9A84C6

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.



E9AADE



B0C684



93C0FF

Square

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



B0C684



4ACDFD



C4B5F6



FEA79D

Rectangle

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



B0C684



6ECFB2



C4B5F6



F8A5C9

Sweetspot

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



B0C684



F7FFE6



C69A84



7A8070



000000



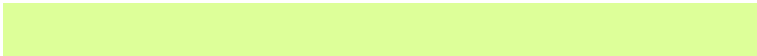
808080

Same Dimension

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



B0C684



DFF99



8FC684



60635A



6DA300



182400

Inverse Universe

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



9A84C6



BB99FF



BB84C6



5D5A63



3600A3



0C0024

Previews

White Background



This preview shows how the Hex color B0C684 looks on a white background.

Color Contrast Check

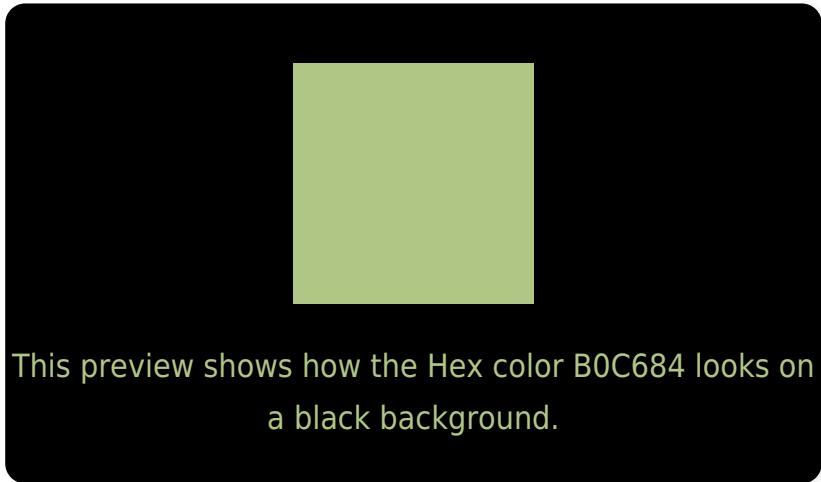
Large Text (above 18pt) WCAG AA × Fail

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

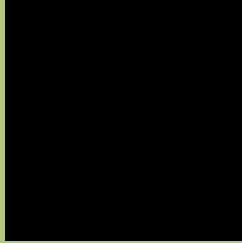
Any Text WCAG AA ✓ Pass

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 B0C684 Background



This preview shows how black text looks on a background with the Hex color B0C684.

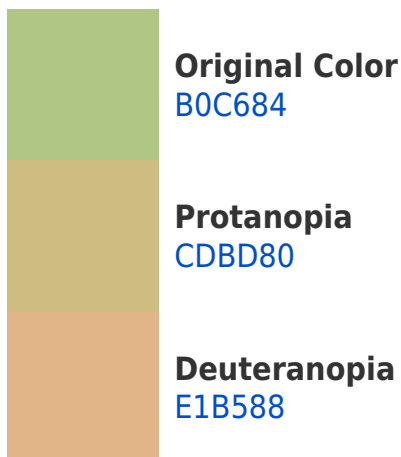


This preview shows how white text looks on a background with the Hex color B0C684.

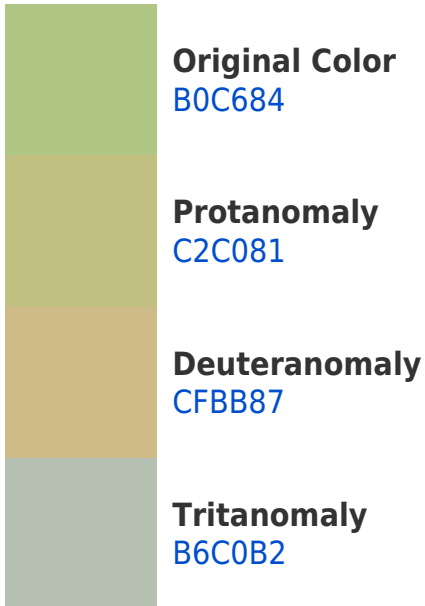
Color Blindness Simulation

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](#).

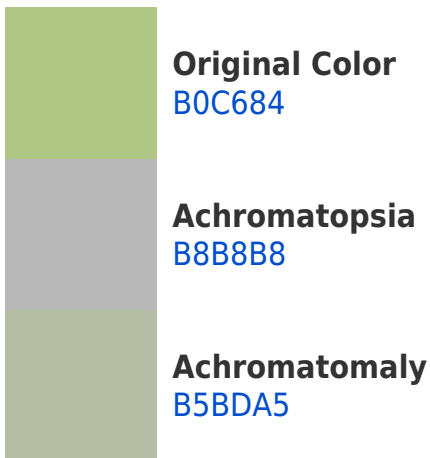
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B0C684 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 #B0C684 looks like.

```
.text, #text, p{  
    color:#B0C684  
}
```

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 #B0C684 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0C684
}
```

Border

The CSS property to change the border of an element to Hex B0C684 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
#B0C684 }
```

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

```
.border{ border-color:#B0C684 }
```

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

Here you see how a box with a 4 pixel #B0C684 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0C684; -webkit-box-shadow:4px 4px  
4px 4px #B0C684; box-shadow:4px 4px 4px  
4px #B0C684 }
```

Background

The CSS property to change the background color of an element to Hex B0C684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0C684 }
```

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

```
.background{ background-color:#B0C684 }
```

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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