

Converting Colors

Hex(B0C644)

Have a look what the booklet for
Hex(B0C644) contains.

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Color

Hex(B0C644)

Conversions

Conversions Part 1

Format	Color
Hex	B0C644
RGB	176, 198, 68
RGB Percent	69%, 78%, 27%
CMY	0.3098, 0.2235, 0.7333
CMYK	0.11, 0.00, 0.66, 0.22
HSL	70°, 53%, 52%
HSV	70°, 66%, 78%
XYZ	39.1420, 50.0356, 13.0637
YIQ	176.6020, 28.6180, -45.0940

Conversions

Conversions Part 2

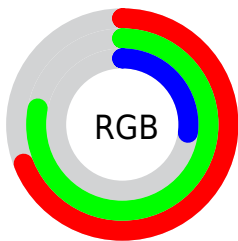
Format	Color
RYB	68, 198, 90
Decimal	11585092
CIELab	76.09, -24.95, 60.14
CIElCh	76, 65.105, 112.532
Yxy	50.0356, 0.3828, 0.4894
Android (android.graphics.Color)	4289775172 (0xFFB0C644)
YUV	176.6020, -53.5408, -0.5280
Hunter-Lab	70.7359, -25.0141, 38.5653

Details

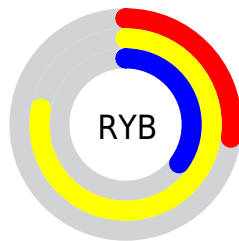
The Hex color **B0C644** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted chartreuse. A complement of this color would be **5A44C6**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **EAFF7A**, and **789000** is the 20% darker color. If you saturate the color by 10%, you get **ADC630**, and if you desaturate by 10%, it is **B3C658**.

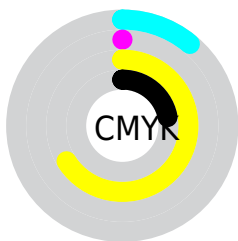
Distribution



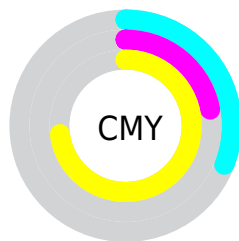
- Red (69%)
- Green (78%)
- Blue (27%)



- Red (27%)
- Yellow (78%)
- Blue (35%)



- Cyan (11%)
- Magenta (0%)
- Yellow (66%)
- Black (22%)



- Cyan (31%)
- Magenta (22%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color B0C644 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 B0C644 by changing the saturation by 10% instead.



B0C644



B0C644

FFFFFF



94AB27



E AFF7A



789000



FFFF96



5D7700



FFFFB2



435E00



FFFFCE



284600



FFFFEB



0B2F00



001D00



000000



B0C644



B0C644

 ADC630

 B3C658

 A9C61C

 B7C66C

 A6C609

 BAC67F

 A4C600

 BDC693

 C1C6A7

 C4C6BB

 C7C6CF

 CBC6E2

 CEC6F6

Harmonies

Analogous

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



E9B33D



B0C644



65D26F

Triad

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



B0C644



00D4FF



FF87CD

Complementary

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



B0C644



5A44C6

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.



F699FF



B0C644



00C7FF

Square

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



B0C644



00D9E8



A4B2FF



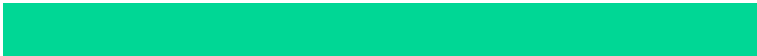
FF8991

Rectangle

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



B0C644



00D795



A4B2FF



FF8BE1

Sweetspot

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



B0C644



F6FFCC



C65A44



7A8061



000000



808080

Same Dimension

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



B0C644



DFF36



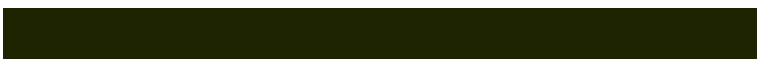
6FC644



62635A



88A300



1E2400

Inverse Universe

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



5A44C6



5836FF



9B44C6



5B5A63



1C00A3



060024

Previews

White Background



This preview shows how the Hex color B0C644 looks on a white background.

Color Contrast Check

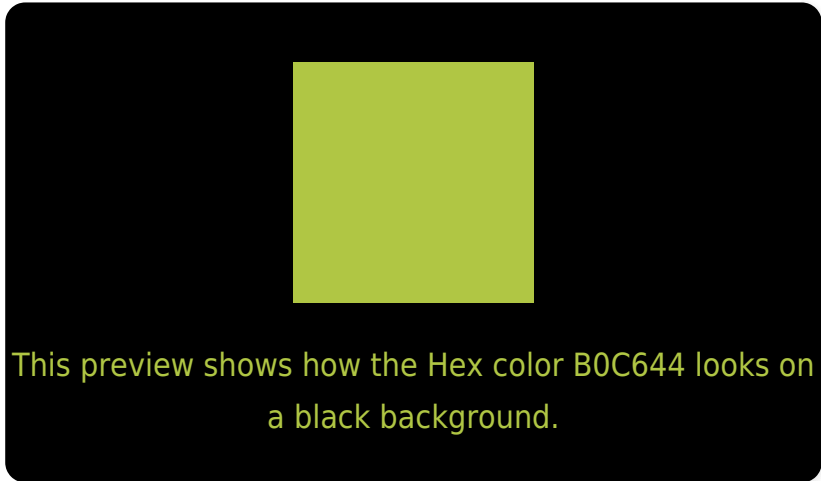
Large Text (above 18pt) WCAG AA × Fail

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 B0C644 Background



This preview shows how black text looks on a background with the Hex color B0C644.

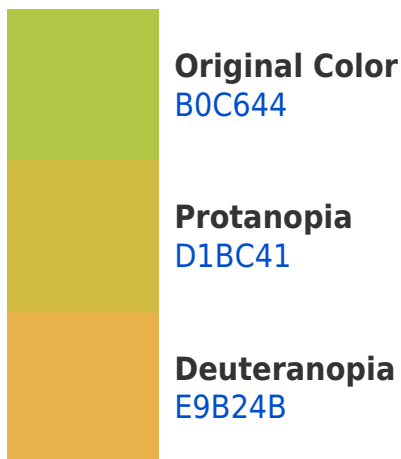


This preview shows how white text looks on a background with the Hex color B0C644.

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](#).

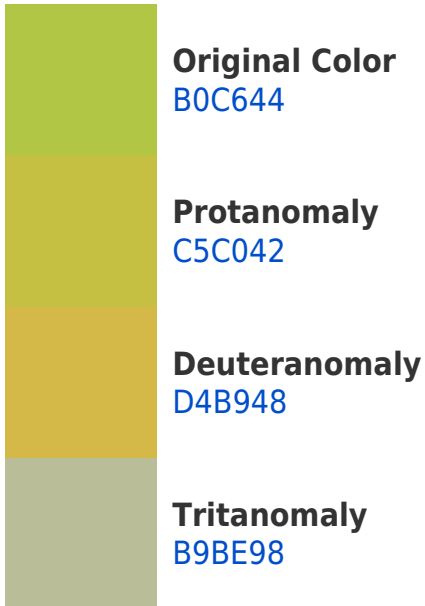
Dichromacy



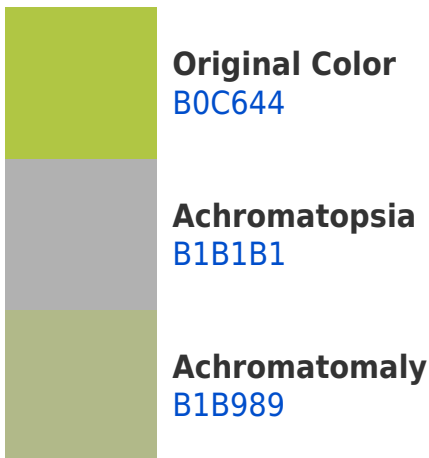


Tritanopia
BEB9C8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B0C644 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 #B0C644 looks like.

```
.text, #text, p{  
    color:#B0C644  
}
```

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 #B0C644 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0C644
}
```

Border

The CSS property to change the border of an element to Hex B0C644 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
#B0C644 }
```

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

```
.border{ border-color:#B0C644 }
```

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

Here you see how a box with a 4 pixel #B0C644 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0C644; -webkit-box-shadow:4px 4px  
4px 4px #B0C644; box-shadow:4px 4px 4px  
4px #B0C644 }
```

Background

The CSS property to change the background color of an element to Hex B0C644 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0C644 }
```

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

```
.background{ background-color:#B0C644 }
```

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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