

Converting Colors

Hex(B4C808)

Have a look what the booklet for
Hex(B4C808) contains.

Hex(B4C808)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B4C808)

Conversions

Conversions Part 1

Format	Color
Hex	B4C808
RGB	180, 200, 8
RGB Percent	71%, 78%, 3%
CMY	0.2941, 0.2157, 0.9686
CMYK	0.10, 0.00, 0.96, 0.22
HSL	66°, 92%, 41%
HSV	66°, 96%, 78%
XYZ	39.5205, 51.0294, 7.9964
YIQ	172.1320, 49.7120, -63.9520

Conversions

Conversions Part 2

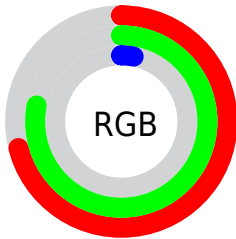
Format	Color
RYB	8, 200, 28
Decimal	11847688
CIELab	76.70, -26.36, 76.07
CIELCh	77, 80.507, 109.116
Yxy	51.0294, 0.4010, 0.5178
Android (android.graphics.Color)	4290037768 (0xFFB4C808)
YUV	172.1320, -80.9171, 6.9002
Hunter-Lab	71.4349, -26.2580, 43.3675

Details

The Hex color **B4C808** is a dark color, and the websafe version is hex **CCCC00**. The color can be described as dark washed chartreuse. A complement of this color would be **1C08C8**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **F0FF55**, and **7A9200** is the 20% darker color. If you saturate the color by 10%, you get **B3C800**, and if you desaturate by 10%, it is **B6C81C**.

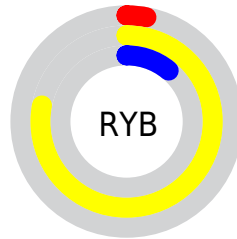
Distribution



Red (71%)

Green (78%)

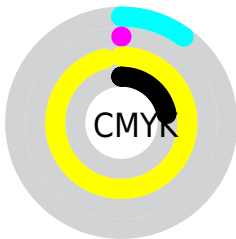
Blue (3%)



Red (3%)

Yellow (78%)

Blue (11%)

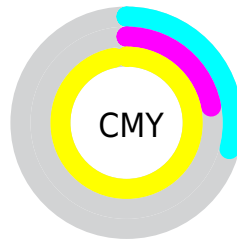


Cyan (10%)

Magenta (0%)

Yellow (96%)

Black (22%)



Cyan (29%)

Magenta (22%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color B4C808 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 B4C808 by changing the saturation by 10% instead.

 B4C808

 B4C808

FFFFFF

 97AD00

 F0FF55

 7A9200

 FFFF73

 5E7800

 FFFF8F

 436000

 FFFFAC

 274800

 FFFFC9

 093100

 FFFF7E

 001E00

 000000

 B4C808

 B4C808

 B3C800

 B6C81C

 B8C830

 BAC844

 BCC858

 BEC86C

 C1C880

 C3C894

 C5C8A8

 C7C8BC

Harmonies

Analogous

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



F8B006



B4C808



54D754

Triad

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



B4C808



00DBFF



FF76DC

Complementary

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



B4C808



1C08C8

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.



FC93FF



B4C808



00CEFF

Square

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



B4C808



00E0EC



83B5FF



FF7591

Rectangle

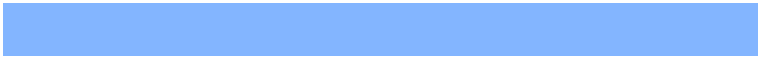
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



B4C808



00DC85



83B5FF



FF7DF4

Sweetspot

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



B4C808



F7FFB5



C81B08



7B8053



000000



808080

Same Dimension

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



B4C808



E4FF00



55C808



62635A



92A300



202400

Inverse Universe

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



1C08C8



1B00FF



7B08C8



5B5A63



1100A3



040024

Previews

White Background



This preview shows how the Hex color B4C808 looks on a white background.

Color Contrast Check

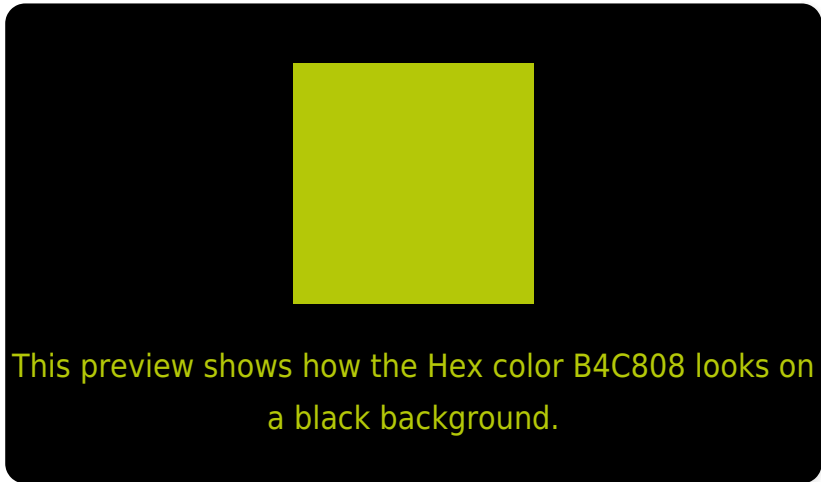
Large Text (above 18pt) WCAG AA × Fail

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 B4C808 Background



This preview shows how black text looks on a background with the Hex color B4C808.



This preview shows how white text looks on a background with the Hex color B4C808.

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



Original Color
B4C808

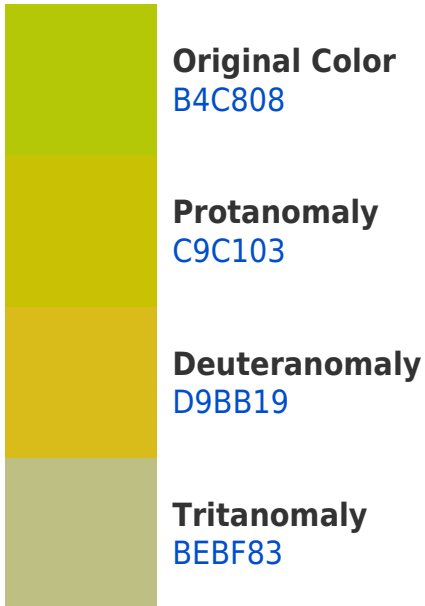
Protanopia
D5BD00

Deuteranopia
EEB322

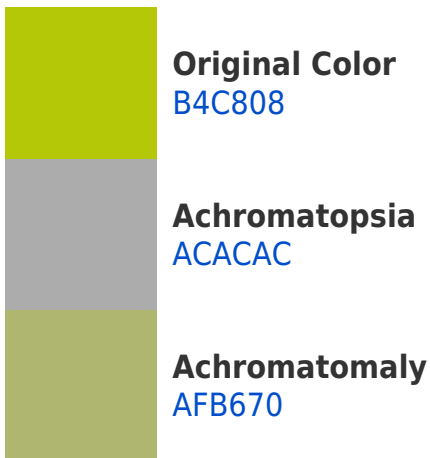


Tritanopia
C3BAC9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B4C808 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 #B4C808 looks like.

```
.text, #text, p{  
    color:#B4C808  
}
```

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 #B4C808 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B4C808  
}
```

Border

The CSS property to change the border of an element to Hex B4C808 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  
#B4C808 }
```

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

```
.border{ border-color:#B4C808 }
```

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

Here you see how a box with a 4 pixel #B4C808 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B4C808; -webkit-box-shadow:4px 4px  
4px 4px #B4C808; box-shadow:4px 4px 4px  
4px #B4C808 }
```

Background

The CSS property to change the background color of an element to Hex B4C808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B4C808 }
```

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

```
.background{ background-color:#B4C808 }
```

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