

# Converting Colors

Hex(B4C309)

Have a look what the booklet for  
Hex(B4C309) contains.

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**Color**

**Hex(B4C309)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B4C309
RGB	180, 195, 9
RGB Percent	71%, 76%, 4%
CMY	0.2941, 0.2353, 0.9647
CMYK	0.08, 0.00, 0.95, 0.24
HSL	65°, 91%, 40%
HSV	65°, 95%, 76%
XYZ	38.3868, 48.7532, 7.6456
YIQ	169.3110, 50.7660, -61.0260

# Conversions

## Conversions Part 2

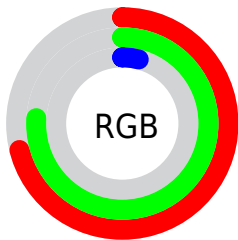
Format	Color
R <sub>Y</sub> B	9, 195, 24
Decimal	11846409
CIE Lab	75.30, -23.94, 74.90
CIE LCh	75, 78.630, 107.723
Yxy	48.7532, 0.4050, 0.5144
Android (android.graphics.Color)	4290036489 (0xFFB4C309)
YUV	169.3110, -79.0333, 9.3743
Hunter-Lab	69.8235, -24.0574, 42.3843

# Details

The Hex color **B4C309** 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 **1809C3**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **EFFB55**, and **7A8E00** is the 20% darker color. If you saturate the color by 10%, you get **B3C300**, and if you desaturate by 10%, it is **B6C31C**.

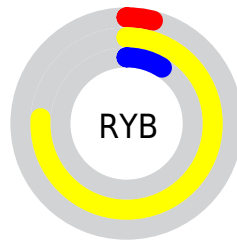
# Distribution



Red (71%)

Green (76%)

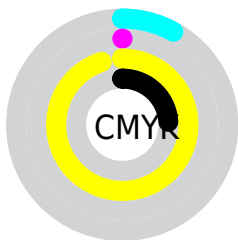
Blue (4%)



Red (4%)

Yellow (76%)

Blue (9%)

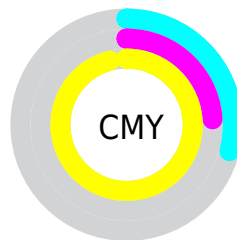


Cyan (8%)

Magenta (0%)

Yellow (95%)

Black (24%)



Cyan (29%)

Magenta (24%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B4C309 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 B4C309 by changing the saturation by 10% instead.



 B4C309

 B4C309

FFFFFF

 97A800

 EFFB55

 7A8E00

 FFFF72

 5F7400

 FFFF8E

 435B00

 FFFFAB

 284400

 FFFFC8

 0B2D00

 FFFF E5

 001B00

 000000

 B4C309

 B4C309

 B3C300

 B6C31C

 B7C330

 B9C343

 BAC357

 BCC36B

 BDC37E

 BFC392

 C1C3A5

 C2C3B8

# Harmonies

## Analogous

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



F5AB10



B4C309



5AD250

# Triad

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



B4C309



00D7FF



FF75DA

# Complementary

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



B4C309



1809C3

# 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.



F292FF



B4C309



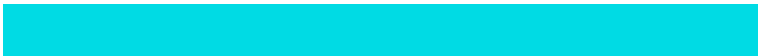
00CAFF

# Square

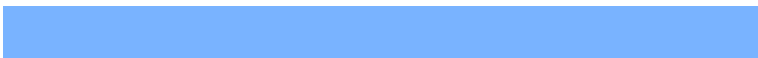
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



B4C309



00DBE4



79B3FF



FF7392

# Rectangle

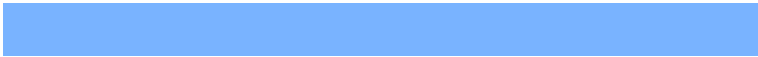
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



B4C309



00D77F



79B3FF



FF7DF2

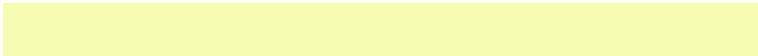


# Sweetspot

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



B4C309



F7FCB3



C31509



7C8053



000000



808080



# Same Dimension

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



B4C309



E8FC00



5AC309



606157



94A100



1E2100



# Inverse Universe

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



1809C3



1400FC



7209C3



585761



0D00A1



030021



# Previews

## White Background



This preview shows how the Hex color B4C309 looks on a white background.

## Color Contrast Check

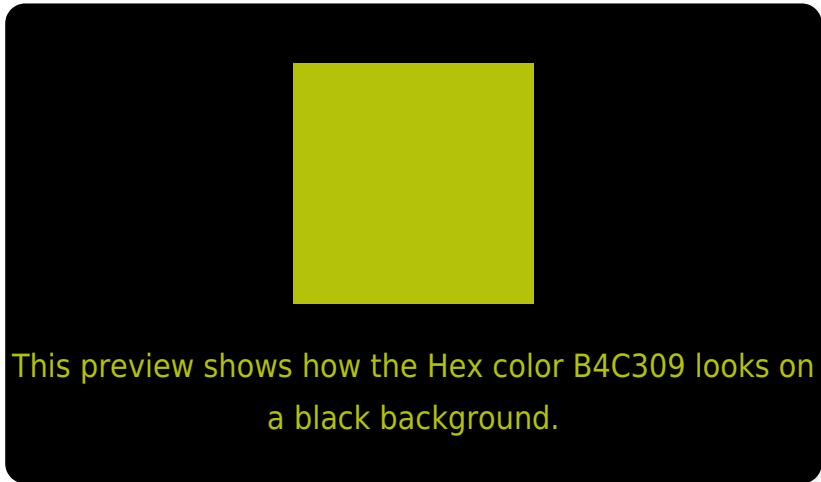
Large Text (above 18pt) WCAG AA × Fail

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 B4C309 Background



This preview shows how black text looks on a background with the Hex color B4C309.



This preview shows how white text looks on a background with the Hex color B4C309.

# 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**  
B4C309

**Protanopia**  
D1BA00

**Deuteranopia**  
EAB021



**Tritanopia**  
C2B5C4

# Trichromacy



**Original Color**  
B4C309

**Protanomaly**  
C6BD03

**Deuteranomaly**  
D6B718

**Tritanomaly**  
BDBA80

# Monochromacy



**Original Color**  
B4C309

**Achromatopsia**  
A9A9A9

**Achromatomaly**  
ADB26F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B4C309 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 #B4C309 looks like.

```
.text, #text, p{  
    color:#B4C309  
}
```

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 #B4C309 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B4C309
}
```

## Border

The CSS property to change the border of an element to Hex B4C309 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
#B4C309 }
```

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

```
.border{ border-color:#B4C309 }
```

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

Here you see how a box with a 4 pixel #B4C309 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B4C309; -webkit-box-shadow:4px 4px  
4px 4px #B4C309; box-shadow:4px 4px 4px  
4px #B4C309 }
```

# Background

The CSS property to change the background color of an element to Hex B4C309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B4C309 }
```

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

```
.background{ background-color:#B4C309 }
```

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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