

# Converting Colors

Hex(B4B02C)

Have a look what the booklet for  
Hex(B4B02C) contains.

<b>Hex(B4B02C)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(B4B02C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B4B02C
RGB	180, 176, 44
RGB Percent	71%, 69%, 17%
CMY	0.2941, 0.3098, 0.8275
CMYK	0.00, 0.02, 0.76, 0.29
HSL	58°, 61%, 44%
HSV	58°, 76%, 71%
XYZ	34.8023, 40.9358, 8.4500
YIQ	162.1480, 44.7560, -40.2040

# Conversions

## Conversions Part 2

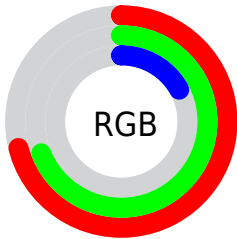
<b>Format</b>	<b>Color</b>
<b>RYB</b>	48, 180, 44
Decimal	11841580
CIELab	70.13, -13.55, 63.19
CIELCh	70, 64.628, 102.100
Yxy	40.9358, 0.4134, 0.4862
Android (android.graphics.Color)	4290031660 (0xFFB4B02C)
YUV	162.1480, -58.2470, 15.6562
Hunter-Lab	63.9811, -14.8723, 36.9563

# Details

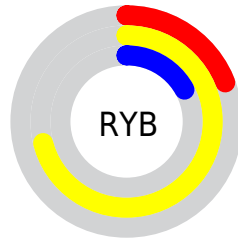
The Hex color **B4B02C** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **2C30B4**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **EFE764**, and **7B7C00** is the 20% darker color. If you saturate the color by 10%, you get **B4AF1A**, and if you desaturate by 10%, it is **B4B13E**.

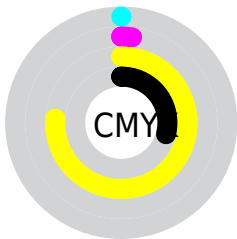
# Distribution



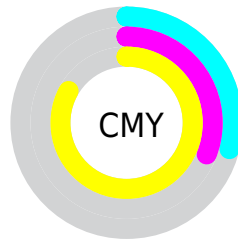
- Red (71%)
- Green (69%)
- Blue (17%)



- Red (19%)
- Yellow (71%)
- Blue (17%)



- Cyan (0%)
- Magenta (2%)
- Yellow (76%)
- Black (29%)



- Cyan (29%)
- Magenta (31%)
- Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B4B02C 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 B4B02C by changing the saturation by 10% instead.



 B4B02C

 B4B02C

FFFFFF

 979503

 EFE764

 7B7C00

 FFFF80

 606300

 FFFF9B

 454B00

 FFFFB7

 2B3500

 FFFFD4

 122000

 FFFFF1

 000100

 000000

 B4B02C

 B4B02C

 B4AF1A

 B4B13E

 B4AF08

 B4B150

 B4AF00

 B4B262

 B4B274

 B4B386

 B4B398

 B4B4AA

 B4B4BC

 B4B5CE

# Harmonies

## Analogous

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



E79C36



B4B02C



73BE4F

# Triad

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



B4B02C



00C5F9



FF7BD1

# Complementary

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



B4B02C



2C30B4

# 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.



CD92FF



B4B02C



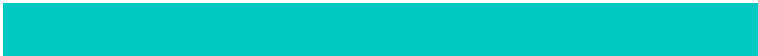
00BCFF

# Square

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



B4B02C



00C8C2



65AAFF



FF7596

# Rectangle

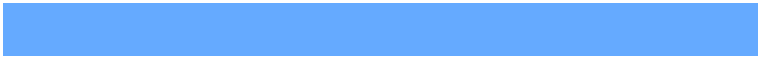
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



B4B02C



29C372



65AAFF



F681E3



# Sweetspot

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



B4B02C



EBE9B5



B42C31



757454



F5F5F5



757575



# Same Dimension

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



B4B02C



EBE415



75B42C



595950



999400



1A1900



# Inverse Universe

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



2C30B4



151BEB



6B2CB4



505159



000499



00011A



# Previews

## White Background



This preview shows how the Hex color B4B02C looks on a white background.

## Color Contrast Check

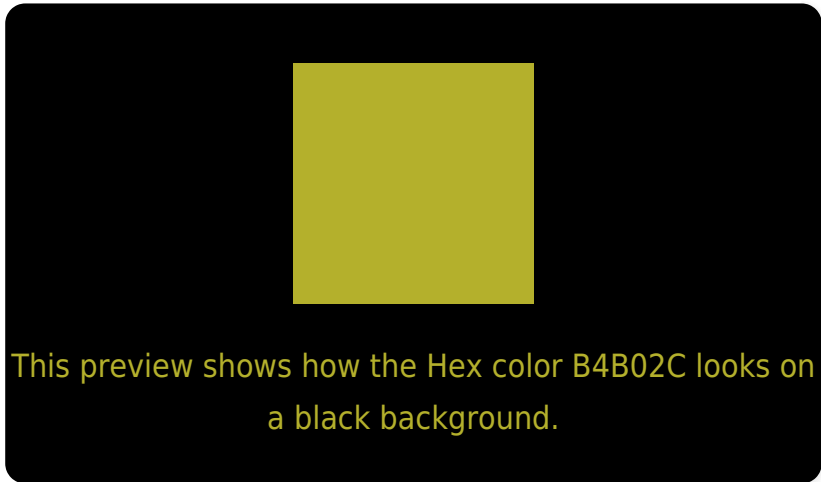
Large Text (above 18pt) WCAG AA × Fail

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 B4B02C Background



This preview shows how black text looks on a background with the Hex color B4B02C.

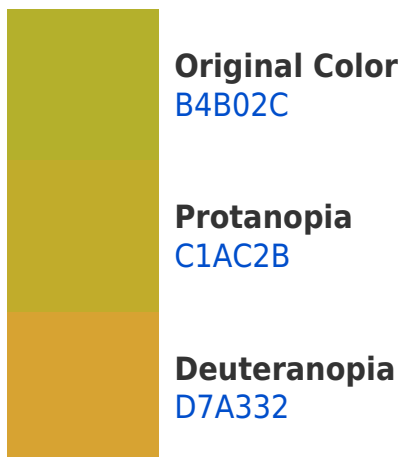


This preview shows how white text looks on a background with the Hex color B4B02C.

# 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](#).

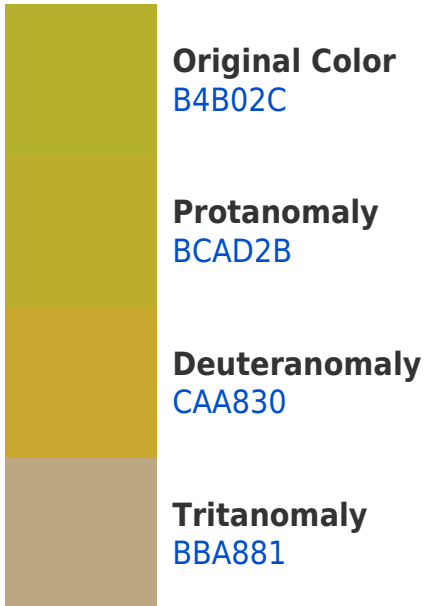
## Dichromacy





**Tritanopia**  
BFA4B1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B4B02C 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 #B4B02C looks like.

```
.text, #text, p{  
    color:#B4B02C  
}
```

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 #B4B02C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B4B02C
}
```

## Border

The CSS property to change the border of an element to Hex B4B02C 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
#B4B02C }
```

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

```
.border{ border-color:#B4B02C }
```

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

Here you see how a box with a 4 pixel #B4B02C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B4B02C; -webkit-box-shadow:4px 4px  
4px 4px #B4B02C; box-shadow:4px 4px 4px  
4px #B4B02C }
```

# Background

The CSS property to change the background color of an element to Hex B4B02C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B4B02C }
```

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

```
.background{ background-color:#B4B02C }
```

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