

# Converting Colors

Hex(B7AA2C)

Have a look what the booklet for  
Hex(B7AA2C) contains.

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# **Color**

**Hex(B7AA2C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B7AA2C
RGB	183, 170, 44
RGB Percent	72%, 67%, 17%
CMY	0.2824, 0.3333, 0.8275
CMYK	0.00, 0.07, 0.76, 0.28
HSL	54°, 61%, 45%
HSV	54°, 76%, 72%
XYZ	34.3578, 38.9986, 8.0995
YIQ	159.5230, 48.1940, -36.4300

# Conversions

## Conversions Part 2

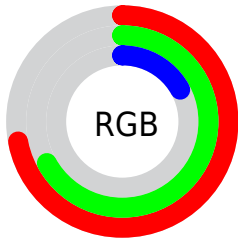
Format	Color
<a href="#">RYB</a>	<a href="#">58, 183, 44</a>
Decimal	<a href="#">12036652</a>
CIELab	<a href="#">68.75, -9.13, 62.01</a>
CIELCh	<a href="#">69, 62.676, 98.372</a>
Yxy	<a href="#">38.9986, 0.4218, 0.4788</a>
Android (android.graphics.Color)	<a href="#">4290226732 (0xFFB7AA2C)</a>
YUV	<a href="#">159.5230, -56.9528, 20.5893</a>
Hunter-Lab	<a href="#">62.4488, -11.0793, 36.0244</a>

# Details

The Hex color **B7AA2C** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **2C39B7**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **F2E164**, and **7E7600** is the 20% darker color. If you saturate the color by 10%, you get **B7A81A**, and if you desaturate by 10%, it is **B7AC3E**.

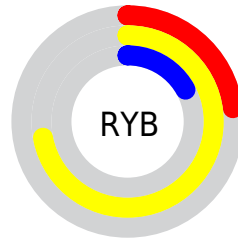
# Distribution



Red (72%)

Green (67%)

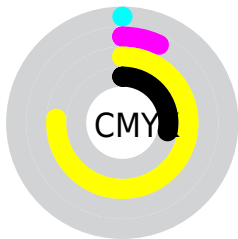
Blue (17%)



Red (23%)

Yellow (72%)

Blue (17%)

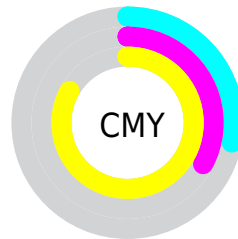


Cyan (0%)

Magenta (7%)

Yellow (76%)

Black (28%)



Cyan (28%)

Magenta (33%)

Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B7AA2C 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 B7AA2C by changing the saturation by 10% instead.



 B7AA2C

 B7AA2C

FFFFFF

 9A9005

 F2E164

 7E7600

 FFFE7F

 635E00

 FFFF9A

 484600

 FFFFB6

 2E3000

 FFFFD3

 151C00

 FFFFF0

 000000

 B7AA2C

 B7AA2C

 B7A81A

 B7AC3E

 B7A707

 B7AD51

 B7A600

 B7AF63

 B7B175

 B7B388

 B7B49A

 B7B6AC

 B7B8BE

 B7B9D1

# Harmonies

## Analogous

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



E7963A



B7AA2C



7AB849

# Triad

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



B7AA2C



00C1ED



F97BD3

# Complementary

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



B7AA2C



2C39B7

# 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.



BF92FF



B7AA2C



00B9FF

# Square

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



B7AA2C



00C3B6



51A9FF



FF739A

# Rectangle

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



B7AA2C



3FBE69



51A9FF



EA82E4



# Sweetspot

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



B7AA2C



EDE8B7



B72C3A



787556



F7F7F7



787878



# Same Dimension

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



B7AA2C



EDD915



7FB72C



5C5B53



9C8D00



1C1900



# Inverse Universe

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



2C39B7



152AED



642CB7



53535C



000F9C



00031C



# Previews

## White Background



This preview shows how the Hex color B7AA2C looks on a white background.

## Color Contrast Check

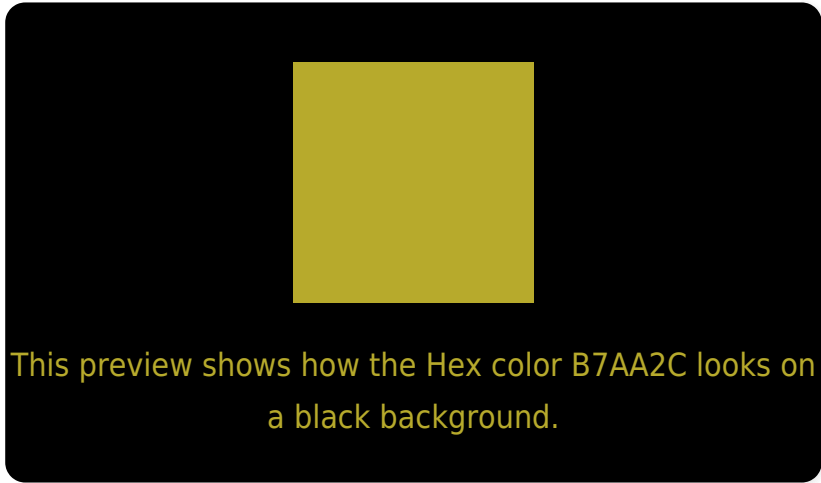
Large Text (above 18pt) WCAG AA × Fail

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 B7AA2C Background



This preview shows how black text looks on a background with the Hex color B7AA2C.



This preview shows how white text looks on a background with the Hex color B7AA2C.

# 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**  
B7AA2C

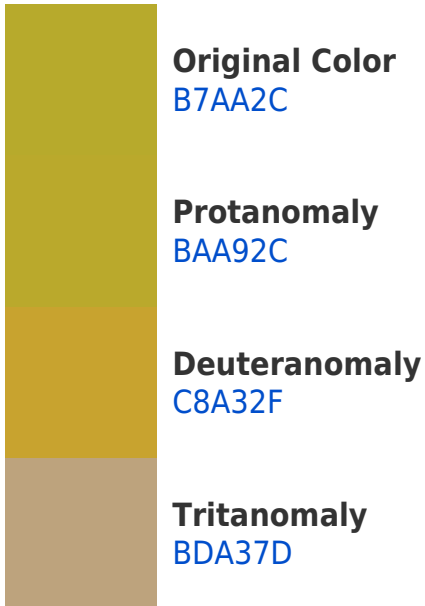
**Protanopia**  
BCA82C

**Deuteranopia**  
D29F31

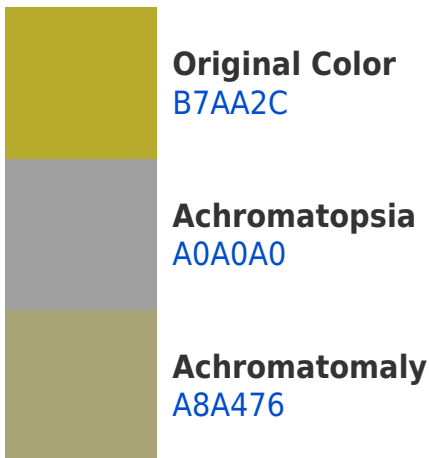


**Tritanopia**  
C19FAB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B7AA2C 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 #B7AA2C looks like.

```
.text, #text, p{  
    color:#B7AA2C  
}
```

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 #B7AA2C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7AA2C
}
```

## Border

The CSS property to change the border of an element to Hex B7AA2C 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
#B7AA2C }
```

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

```
.border{ border-color:#B7AA2C }
```

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

Here you see how a box with a 4 pixel #B7AA2C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7AA2C; -webkit-box-shadow:4px 4px  
4px 4px #B7AA2C; box-shadow:4px 4px 4px  
4px #B7AA2C }
```

# Background

The CSS property to change the background color of an element to Hex B7AA2C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7AA2C }
```

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

```
.background{ background-color:#B7AA2C }
```

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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