

# Converting Colors

Hex(B7A717)

Have a look what the booklet for  
Hex(B7A717) contains.

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**Color**

**Hex(B7A717)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B7A717
RGB	183, 167, 23
RGB Percent	72%, 65%, 9%
CMY	0.2824, 0.3451, 0.9098
CMYK	0.00, 0.09, 0.87, 0.28
HSL	54°, 78%, 40%
HSV	54°, 87%, 72%
XYZ	33.5018, 37.7666, 6.3346
YIQ	155.3680, 55.7600, -41.3920

# Conversions

## Conversions Part 2

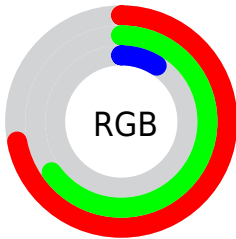
Format	Color
<b>RYB</b>	41, 183, 23
Decimal	12035863
CIELab	67.85, -8.22, 67.07
CIELCh	68, 67.571, 96.988
Yxy	37.7666, 0.4317, 0.4867
Android (android.graphics.Color)	4290225943 (0xFFB7A717)
YUV	155.3680, -65.2574, 24.2333
Hunter-Lab	61.4545, -10.2365, 36.9067

# Details

The Hex color **B7A717** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **1727B7**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **F3DE55**, and **7E7300** is the 20% darker color. If you saturate the color by 10%, you get **B7A505**, and if you desaturate by 10%, it is **B7A929**.

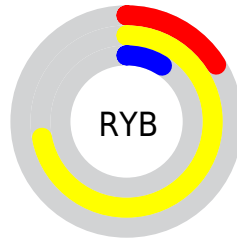
# Distribution



Red (72%)

Green (65%)

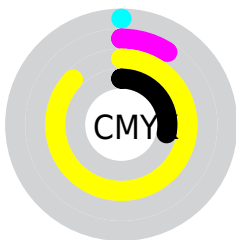
Blue (9%)



Red (16%)

Yellow (72%)

Blue (9%)

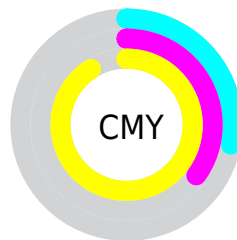


Cyan (0%)

Magenta (9%)

Yellow (87%)

Black (28%)



Cyan (28%)

Magenta (35%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B7A717 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 B7A717 by changing the saturation by 10% instead.





B7A717



B7A717

FFFFFF



9A8D00



F3DE55



7E7300



FFFA71



625B00



FFFF8D



474400



FFFFA9



2D2E00



FFFFC5



141A00



FFFFE2



000000



B7A717



B7A717



B7A505



B7A929

 B7A500

 B7AB3C

 B7AC4E

 B7AE60

 B7B073

 B7B285

 B7B497

 B7B6A9

 B7B7BC

# Harmonies

## Analogous

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



EA912F



B7A717



76B63B

# Triad

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



B7A717



00C1ED



FA75D6

# Complementary

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



B7A717



1727B7

# 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.



BA8FFF



B7A717



00B8FF

# Square

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



B7A717



00C2B2



27A8FF



FF6A9A

# Rectangle

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



B7A717



32BD5F



27A8FF



E97DE9



# Sweetspot

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



B7A717



EDE7AF



B71727



787453



F7F7F7



787878



# Same Dimension

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



B7A717



EDD500



77B717



5C5B53



9C8C00



1C1900



# Inverse Universe

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



1727B7



0018ED



5717B7



53545C



00109C



00031C



# Previews

## White Background



This preview shows how the Hex color B7A717 looks on a white background.

## Color Contrast Check

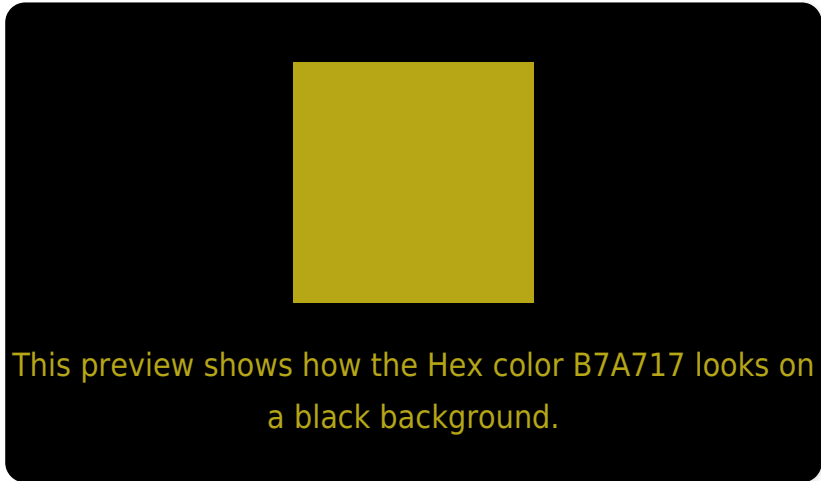
Large Text (above 18pt) WCAG AA × Fail

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 B7A717 Background



This preview shows how black text looks on a background with the Hex color B7A717.



This preview shows how white text looks on a background with the Hex color B7A717.

# 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**  
B7A717

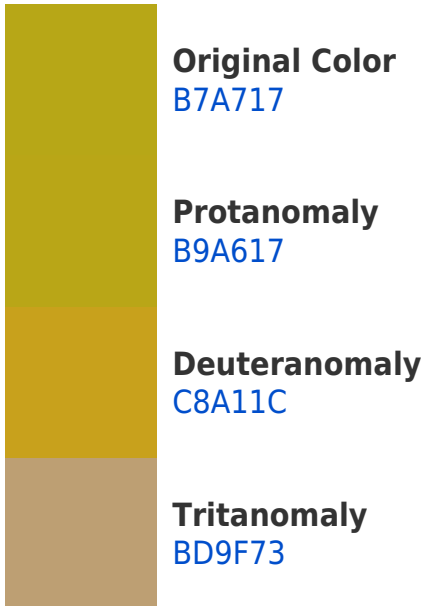
**Protanopia**  
BAA617

**Deuteranopia**  
D19D1F

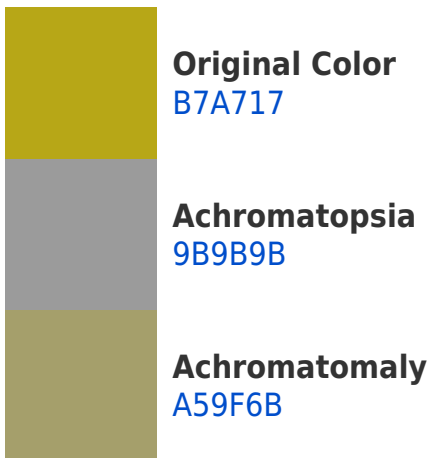


**Tritanopia**  
C19BA7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B7A717 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 #B7A717 looks like.

```
.text, #text, p{  
    color:#B7A717  
}
```

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 #B7A717 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7A717
}
```

## Border

The CSS property to change the border of an element to Hex B7A717 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
#B7A717 }
```

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

```
.border{ border-color:#B7A717 }
```

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

Here you see how a box with a 4 pixel #B7A717 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7A717; -webkit-box-shadow:4px 4px  
4px 4px #B7A717; box-shadow:4px 4px 4px  
4px #B7A717 }
```

# Background

The CSS property to change the background color of an element to Hex B7A717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7A717 }
```

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

```
.background{ background-color:#B7A717 }
```

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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