

Converting Colors

Hex(B7B703)

Have a look what the booklet for
Hex(B7B703) contains.

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Color

Hex(B7B703)

Conversions

Conversions Part 1

Format	Color
Hex	B7B703
RGB	183, 183, 3
RGB Percent	72%, 72%, 1%
CMY	0.2824, 0.2824, 0.9882
CMYK	0.00, 0.00, 0.98, 0.28
HSL	60°, 97%, 36%
HSV	60°, 98%, 72%
XYZ	36.4784, 43.9408, 6.6450
YIQ	162.4800, 57.7800, -55.9800

Conversions

Conversions Part 2

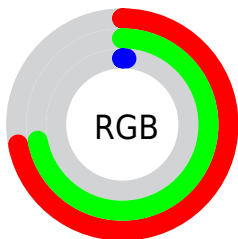
Format	Color
RYB	3, 183, 3
Decimal	12039939
CIELab	72.19, -16.77, 73.31
CIELCh	72, 75.200, 102.882
Yxy	43.9408, 0.4190, 0.5047
Android (android.graphics.Color)	4290230019 (0xFFB7B703)
YUV	162.4800, -78.6236, 17.9960
Hunter-Lab	66.2879, -17.7749, 40.4580

Details

The Hex color **B7B703** is a dark color, and the websafe version is hex **CCCC33**. A complement of this color would be **0303B7**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **F3EF51**, and **7D8200** is the 20% darker color. If you saturate the color by 10%, you get **B7B700**, and if you desaturate by 10%, it is **B7B715**.

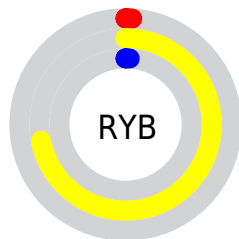
Distribution



Red (72%)

Green (72%)

Blue (1%)



Red (1%)

Yellow (72%)

Blue (1%)

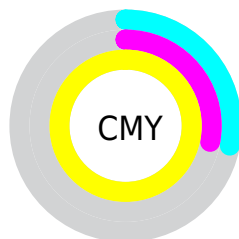


Cyan (0%)

Magenta (0%)

Yellow (98%)

Black (28%)



Cyan (28%)

Magenta (28%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color B7B703 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 B7B703 by changing the saturation by 10% instead.

 B7B703

 B7B703

FFFFFF

 9A9C00

 F3EF51

 7D8200

 FFFF6D

 626900

 FFFF8A

 465100

 FFFFA6

 2C3B00

 FFFFC3

 122500

 FFFFEO

 000E00

FFFFFFE

 000000

 B7B703

 B7B703

 B7B700

 B7B715

 B7B728

 B7B73A

 B7B74C

 B7B75E

 B7B771

 B7B783

 B7B795

 B7B7A8

Harmonies

Analogous

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



F39F1D



B7B703



68C643

Triad

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



B7B703



00CEFF



FF74DB

Complementary

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



B7B703



0303B7

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.



DA91FF



B7B703



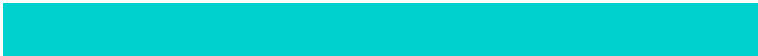
00C4FF

Square

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



B7B703



00D1CE



54AFFF



FF6C96

Rectangle

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



B7B703



00CC6F



54AFFF



FF7CF1

Sweetspot

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



B7B703



EDEDA6



B70303



78784D



F7F7F7



787878

Same Dimension

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



B7B703



EDED00



5DB703



5C5C53



9C9C00



1C1C00

Inverse Universe

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



0303B7



0000ED



5D03B7



53535C



00009C



00001C

Previews

White Background



This preview shows how the Hex color B7B703 looks on a white background.

Color Contrast Check

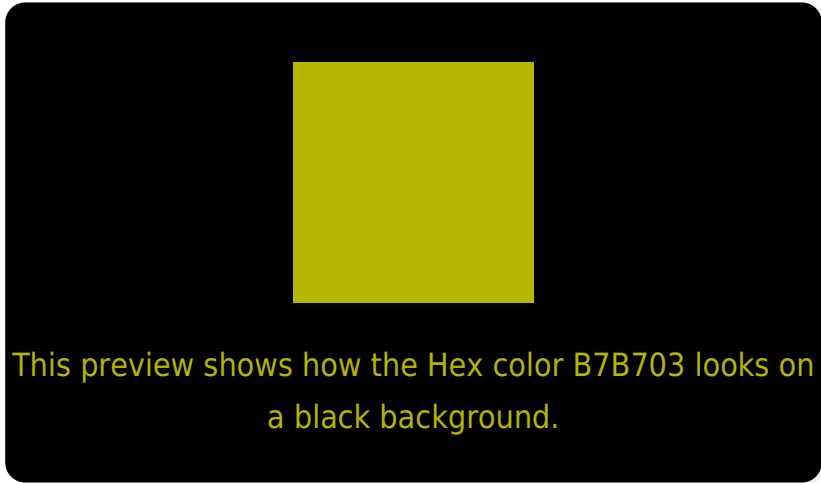
Large Text (above 18pt) WCAG AA × Fail

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 B7B703 Background



This preview shows how black text looks on a background with the Hex color B7B703.



This preview shows how white text looks on a background with the Hex color B7B703.

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](#).

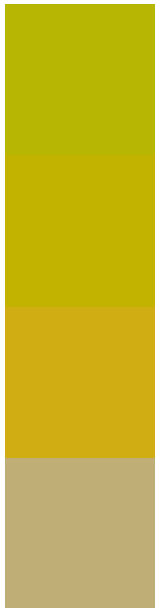
Dichromacy





Tritanopia
C3AAB7

Trichromacy



Original Color
B7B703

Protanomaly
C2B301

Deuteranomaly
D0AD13

Tritanomaly
BFAF76

Monochromacy



Original Color
B7B703

Achromatopsia
A2A2A2

Achromatomaly
AAAA68

CSS Examples

Text

The CSS property to change the color of the text to Hex B7B703 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 #B7B703 looks like.

```
.text, #text, p{  
    color:#B7B703  
}
```

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 #B7B703 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7B703
}
```

Border

The CSS property to change the border of an element to Hex B7B703 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
#B7B703 }
```

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

```
.border{ border-color:#B7B703 }
```

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

Here you see how a box with a 4 pixel #B7B703 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7B703; -webkit-box-shadow:4px 4px  
4px 4px #B7B703; box-shadow:4px 4px 4px  
4px #B7B703 }
```

Background

The CSS property to change the background color of an element to Hex B7B703 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7B703 }
```

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

```
.background{ background-color:#B7B703 }
```

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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