

Converting Colors

Hex(B57B00)

Have a look what the booklet for
Hex(B57B00) contains.

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Color

Hex(B57B00)

Conversions

Conversions Part 1

Format	Color
Hex	B57B00
RGB	181, 123, 0
RGB Percent	71%, 48%, 0%
CMY	0.2902, 0.5176, 1.0000
CMYK	0.00, 0.32, 1.00, 0.29
HSL	41°, 100%, 35%
HSV	41°, 100%, 71%
XYZ	26.1390, 23.9897, 3.2528
YIQ	126.3200, 74.0510, -25.9570

Conversions

Conversions Part 2

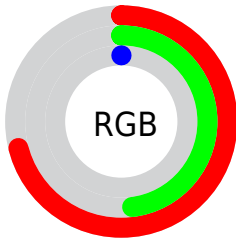
Format	Color
RYB	85, 181, 0
Decimal	11893504
CIELab	56.08, 14.47, 62.21
CIELCh	56, 63.875, 76.903
Yxy	23.9897, 0.4897, 0.4494
Android (android.graphics.Color)	4290083584 (0xFFB57B00)
YUV	126.3200, -62.2758, 47.9544
Hunter-Lab	48.9793, 9.5473, 30.3479

Details

The Hex color **B57B00** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **003AB5**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **F2AF43**, and **7B4A00** is the 20% darker color. If you saturate the color by 10%, you get **B57B00**, and if you desaturate by 10%, it is **B58112**.

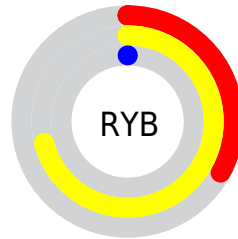
Distribution



Red (71%)

Green (48%)

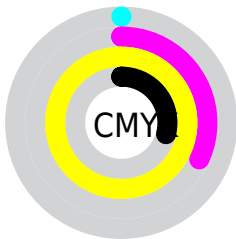
Blue (0%)



Red (33%)

Yellow (71%)

Blue (0%)

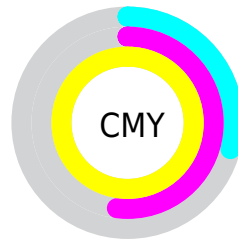


Cyan (0%)

Magenta (32%)

Yellow (100%)

Black (29%)



Cyan (29%)

Magenta (52%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color B57B00 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 B57B00 by changing the saturation by 10% instead.

 B57B00

 B57B00

FFFFFF

 976200

 F2AF43

 7B4A00

 FFCB5E

 5E3400

 FFE779

 421F00

 FFFF94

 290A00

 FFFFB0

 000000

 FFFFCD

 FFFFEE9

 B57B00

 B58112

 B58724

 B58C36

 B59248

 B5985B

 B59E6D

 B5A47F

 B5A991

 B5AFA3

Harmonies

Analogous

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



D96336



B57B00



838D00

Triad

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



B57B00



00A0A5



B069D3

Complementary

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



B57B00



003AB5

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.



4F82F1



B57B00



009DD7

Square

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



B57B00



009F6B



0094F3



DE51A1

Rectangle

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



B57B00



5A9622



0094F3



9872E0

Sweetspot

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



B57B00



EBD4A4



B5003C



75684B



F5F5F5



757575

Same Dimension

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



B57B00



EB9F00



97B500



595650



996800



1A1100

Inverse Universe

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



003AB5



004BEB



1E00B5



505359



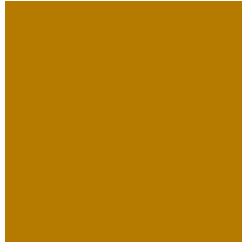
003199



00081A

Previews

White Background



This preview shows how the Hex color B57B00 looks on a white background.

Color Contrast Check

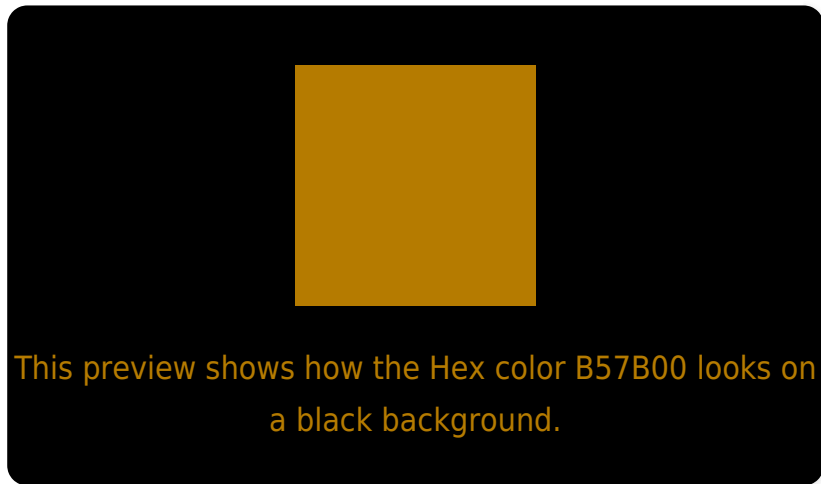
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex B57B00 Background



This preview shows how black text looks on a background with the Hex color B57B00.



This preview shows how white text looks on a background with the Hex color B57B00.

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
B57B00

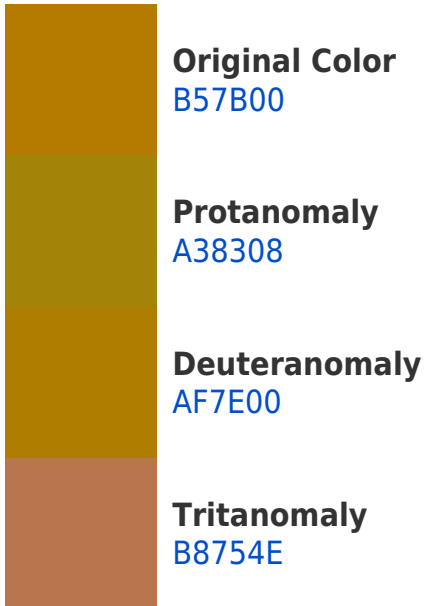
Protanopia
98870C

Deuteranopia
AB8000

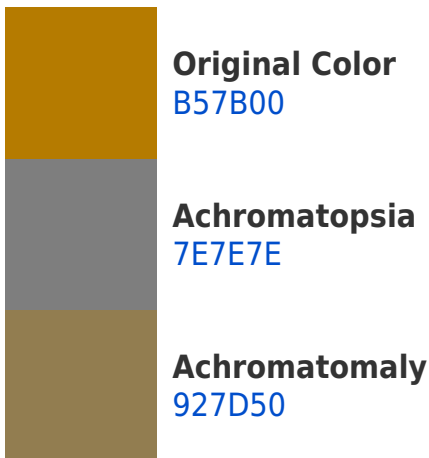


Tritanopia
BA727B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B57B00 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 #B57B00 looks like.

```
.text, #text, p{  
    color:#B57B00  
}
```

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 #B57B00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B57B00
}
```

Border

The CSS property to change the border of an element to Hex B57B00 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
#B57B00 }
```

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

```
.border{ border-color:#B57B00 }
```

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

Here you see how a box with a 4 pixel #B57B00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B57B00; -webkit-box-shadow:4px 4px  
4px 4px #B57B00; box-shadow:4px 4px 4px  
4px #B57B00 }
```

Background

The CSS property to change the background color of an element to Hex B57B00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B57B00 }
```

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

```
.background{ background-color:#B57B00 }
```

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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