

Converting Colors

Hex(B57900)

Have a look what the booklet for
Hex(B57900) contains.

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Color

Hex(B57900)

Conversions

Conversions Part 1

Format	Color
Hex	B57900
RGB	181, 121, 0
RGB Percent	71%, 47%, 0%
CMY	0.2902, 0.5255, 1.0000
CMYK	0.00, 0.33, 1.00, 0.29
HSL	40°, 100%, 35%
HSV	40°, 100%, 71%
XYZ	25.8934, 23.4985, 3.1709
YIQ	125.1460, 74.6010, -24.9110

Conversions

Conversions Part 2

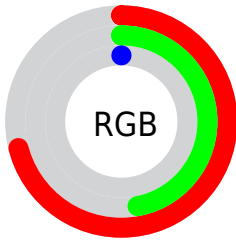
Format	Color
RYB	90, 181, 0
Decimal	11892992
CIELab	55.58, 15.59, 61.88
CIELCh	56, 63.818, 75.863
Yxy	23.4985, 0.4926, 0.4471
Android (android.graphics.Color)	4290083072 (0xFFB57900)
YUV	125.1460, -61.6970, 48.9840
Hunter-Lab	48.4753, 10.5154, 30.0543

Details

The Hex color **B57900** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **003CB5**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **F2AD43**, and **7B4800** is the 20% darker color. If you saturate the color by 10%, you get **B57900**, and if you desaturate by 10%, it is **B57F12**.

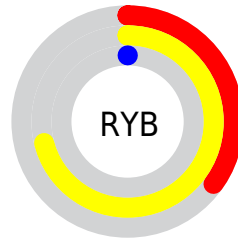
Distribution



Red (71%)

Green (47%)

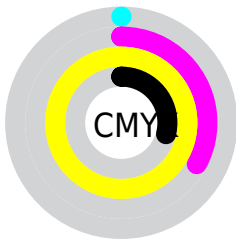
Blue (0%)



Red (35%)

Yellow (71%)

Blue (0%)

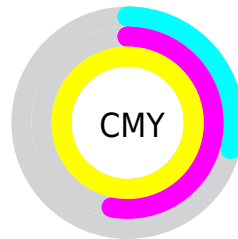


Cyan (0%)

Magenta (33%)

Yellow (100%)

Black (29%)



Cyan (29%)

Magenta (53%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color B57900 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 B57900 by changing the saturation by 10% instead.

 B57900

 B57900

FFFFFF

 976000

 F2AD43

 7B4800

 FFC95E

 5E3200

 FFE579

 421D00

 FFFF94

 290700

 FFFFB0

 000000

 FFFFCC

 FFFFEE9

 B57900

 B57F12

 B58524

 B58B36

 B59148

 B5975B

 B59D6D

 B5A37F

 B5A991

 B5AFA3

Harmonies

Analogous

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



D96137



B57900



848C00

Triad

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



B57900



009FA2



AC68D3

Complementary

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



B57900



003CB5

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.



4881F0



B57900



009CD4

Square

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



B57900



009D68



0093F1



DB51A2

Rectangle

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



B57900



5B941F



0093F1



9471E0

Sweetspot

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



B57900



EBD3A4



B5003C



75674B



F5F5F5



757575

Same Dimension

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



B57900



EB9D00



97B500



595650



996600



1A1100

Inverse Universe

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



003CB5



004EEB



1E00B5



505359



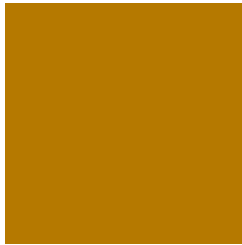
003399



00081A

Previews

White Background



This preview shows how the Hex color B57900 looks on a white background.

Color Contrast Check

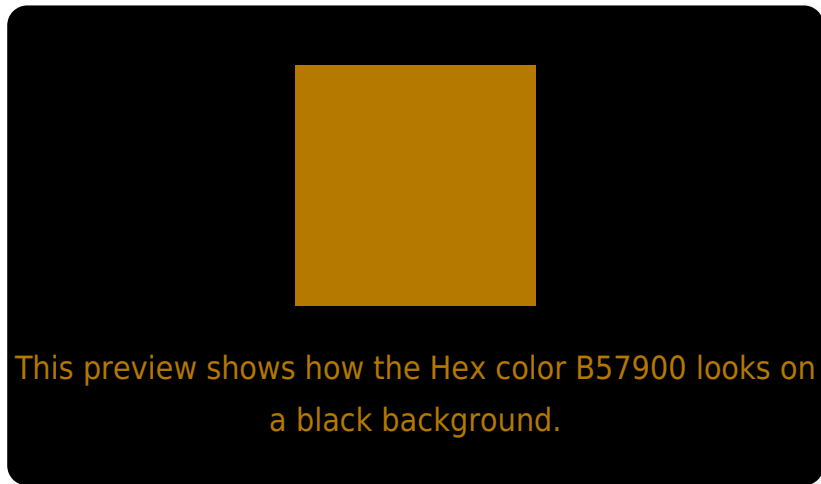
Large Text (above 18pt) WCAG AA ✓ Pass

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 B57900 Background



This preview shows how black text looks on a background with the Hex color B57900.



This preview shows how white text looks on a background with the Hex color B57900.

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
B57900

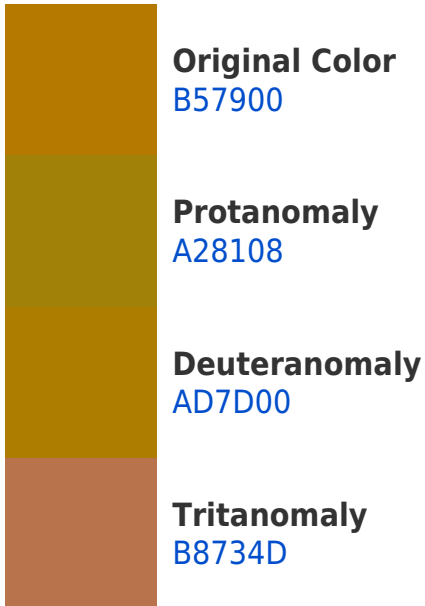
Protanopia
97860C

Deuteranopia
A97F00

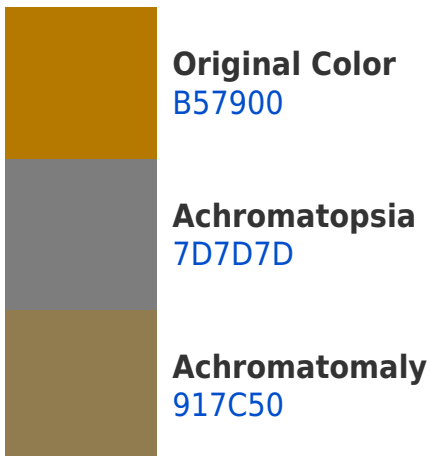


Tritanopia
BA7079

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B57900 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 #B57900 looks like.

```
.text, #text, p{  
    color:#B57900  
}
```

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 #B57900 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B57900
}
```

Border

The CSS property to change the border of an element to Hex B57900 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
#B57900 }
```

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

```
.border{ border-color:#B57900 }
```

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

Here you see how a box with a 4 pixel #B57900 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B57900; -webkit-box-shadow:4px 4px  
4px 4px #B57900; box-shadow:4px 4px 4px  
4px #B57900 }
```

Background

The CSS property to change the background color of an element to Hex B57900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B57900 }
```

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

```
.background{ background-color:#B57900 }
```

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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