

# Converting Colors

Hex(B67901)

Have a look what the booklet for  
Hex(B67901) contains.

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**Color**

**Hex(B67901)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B67901
RGB	182, 121, 1
RGB Percent	71%, 47%, 0%
CMY	0.2863, 0.5255, 0.9961
CMYK	0.00, 0.34, 0.99, 0.29
HSL	40°, 99%, 36%
HSV	40°, 99%, 71%
XYZ	26.1343, 23.6220, 3.2108
YIQ	125.5590, 74.8760, -24.3880

# Conversions

## Conversions Part 2

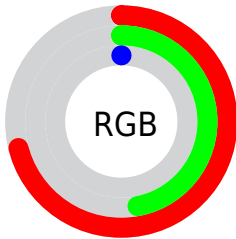
<b>Format</b>	<b>Color</b>
<b>RYB</b>	93, 182, 1
Decimal	11958529
CIELab	55.71, 16.05, 61.84
CIELCh	56, 63.892, 75.452
Yxy	23.6220, 0.4934, 0.4460
Android (android.graphics.Color)	4290148609 (0xFFB67901)
YUV	125.5590, -61.4076, 49.4988
Hunter-Lab	48.6025, 10.9277, 30.1049

# Details

The Hex color **B67901** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **013EB6**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **F3AD44**, and **7C4800** is the 20% darker color. If you saturate the color by 10%, you get **B67900**, and if you desaturate by 10%, it is **B67F13**.

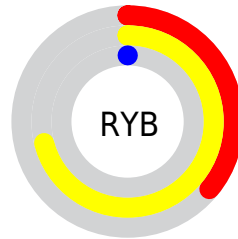
# Distribution



Red (71%)

Green (47%)

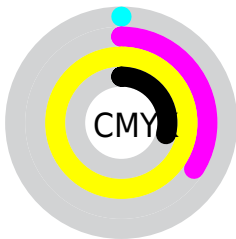
Blue (0%)



Red (36%)

Yellow (71%)

Blue (0%)

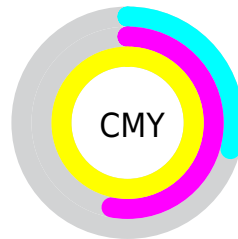


Cyan (0%)

Magenta (34%)

Yellow (99%)

Black (29%)



Cyan (29%)

Magenta (53%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B67901 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 B67901 by changing the saturation by 10% instead.



 B67901

 B67901

FFFFFF

 986000

 F3AD44

 7C4800

 FFC95E

 5F3200

 FFE579

 431D00

 FFFF94

 2A0700

 FFFFB0

 000000

 FFFFCC

 FFFFEE9

 B67901


 B67901

 B67900

 B67F13

 B68525

 B68B38

 B6924A

 B6985C

 B69E6E

 B6A480

 B6AA93

 B6B0A5

# Harmonies

## Analogous

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



D96138



B67901



858C00

# Triad

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



B67901



009FA1



AC69D4

# Complementary

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



B67901



013EB6

# 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.



4582F1



B67901



009CD4

# Square

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



B67901



009D68



0093F1



DB51A3

# Rectangle

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



B67901



5C941E



0093F1



9372E1



# Sweetspot

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



B67901



EDD5A6



B60140



78694D



F7F7F7



787878



# Same Dimension

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



B67901



ED9D00



9BB601



5C5953



9C6700



1C1300



# Inverse Universe

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



013EB6



0050ED



1C01B6



53565C



00349C

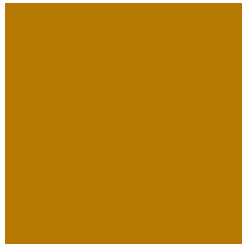


00091C



# Previews

## White Background



This preview shows how the Hex color B67901 looks on a white background.

## Color Contrast Check

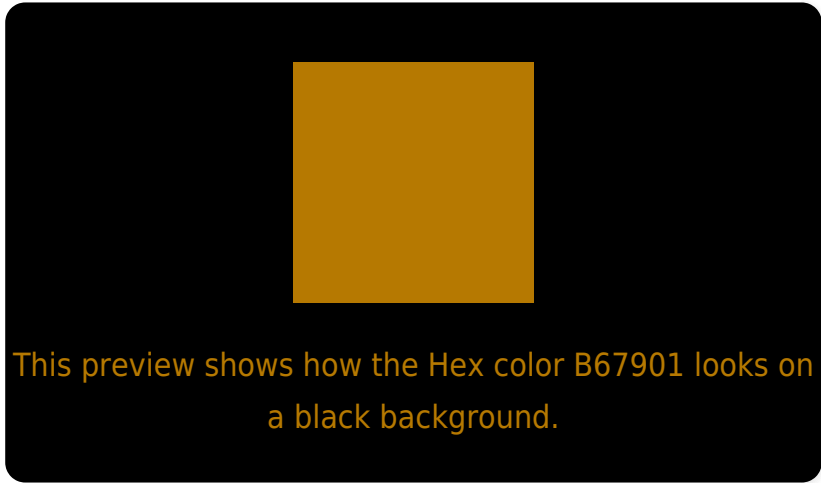
Large Text (above 18pt) WCAG AA ✓ Pass

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 B67901 Background



This preview shows how black text looks on a background with the Hex color B67901.



This preview shows how white text looks on a background with the Hex color B67901.

# 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**  
B67901

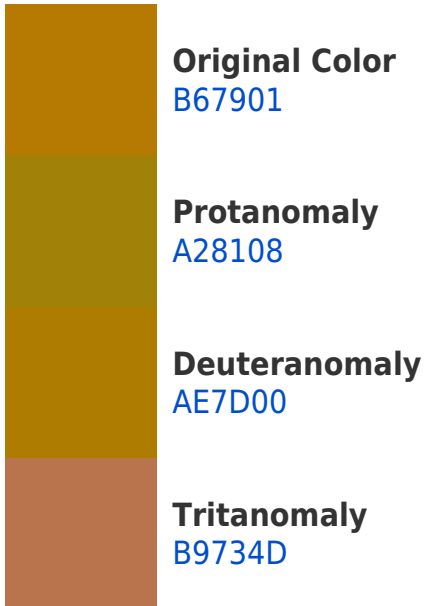
**Protanopia**  
97860C

**Deuteranopia**  
A97F00

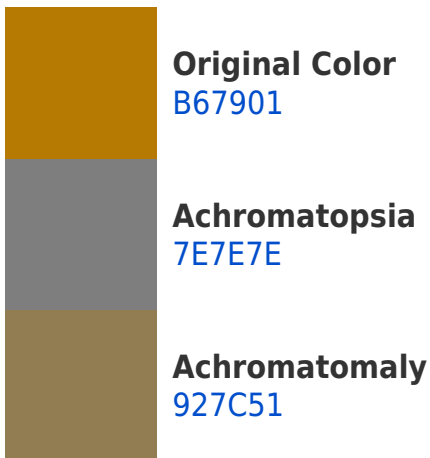


**Tritanopia**  
BB7079

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B67901 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 #B67901 looks like.

```
.text, #text, p{  
    color:#B67901  
}
```

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 #B67901 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B67901
}
```

## Border

The CSS property to change the border of an element to Hex B67901 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
#B67901 }
```

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

```
.border{ border-color:#B67901 }
```

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

Here you see how a box with a 4 pixel #B67901 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B67901; -webkit-box-shadow:4px 4px  
4px 4px #B67901; box-shadow:4px 4px 4px  
4px #B67901 }
```

# Background

The CSS property to change the background color of an element to Hex B67901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B67901 }
```

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

```
.background{ background-color:#B67901 }
```

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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