

# Converting Colors

Hex(B67B00)

Have a look what the booklet for  
Hex(B67B00) contains.

<b>Hex(B67B00)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(B67B00)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B67B00
RGB	182, 123, 0
RGB Percent	71%, 48%, 0%
CMY	0.2863, 0.5176, 1.0000
CMYK	0.00, 0.32, 1.00, 0.29
HSL	41°, 100%, 36%
HSV	41°, 100%, 71%
XYZ	26.3744, 24.1110, 3.2638
YIQ	126.6190, 74.6470, -25.7450

# Conversions

## Conversions Part 2

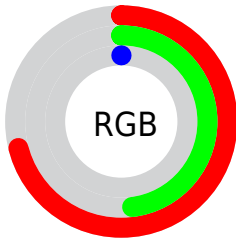
<b>Format</b>	<b>Color</b>
<b>RYB</b>	87, 182, 0
Decimal	11959040
CIELab	56.20, 14.92, 62.35
CIELCh	56, 64.114, 76.540
Yxy	24.1110, 0.4907, 0.4486
Android (android.graphics.Color)	4290149120 (0xFFB67B00)
YUV	126.6190, -62.4232, 48.5691
Hunter-Lab	49.1030, 9.9464, 30.4311

# Details

The Hex color **B67B00** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **003BB6**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **F3AF44**, and **7C4A00** is the 20% darker color. If you saturate the color by 10%, you get **B67B00**, and if you desaturate by 10%, it is **B68112**.

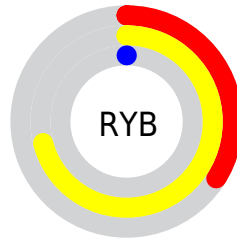
# Distribution



Red (71%)

Green (48%)

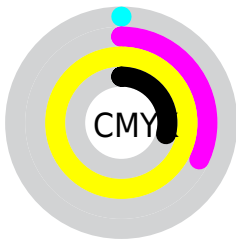
Blue (0%)



Red (34%)

Yellow (71%)

Blue (0%)

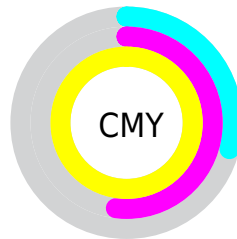


Cyan (0%)

Magenta (32%)

Yellow (100%)

Black (29%)



Cyan (29%)

Magenta (52%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B67B00 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 B67B00 by changing the saturation by 10% instead.



 B67B00

 B67B00

FFFFFF

 986200

 F3AF44

 7C4A00

 FFCB5E

 5F3400

 FFE779

 431F00

 FFFF95

 2A0A00

 FFFFB0

 000000

 FFFFCD


 FFFFEA

 B67B00

 B68112

 B68724

 B68D37

 B69349

 B6995B

 B69E6D

 B6A47F

 B6AA92

 B6B0A4

# Harmonies

## Analogous

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



DA6337



B67B00



848E00

# Triad

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



B67B00



00A0A5



B069D4

# Complementary

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



B67B00



003BB6

# 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.



4D83F2



B67B00



009ED7

# Square

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



B67B00



009F6B



0094F3



DE52A2

# Rectangle

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



B67B00



5B9621



0094F3



9772E1



# Sweetspot

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



B67B00



EDD6A6



B6003D



786A4D



F7F7F7



787878



# Same Dimension

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



B67B00



EDA000



98B600



5C5953



9C6900



1C1300



# Inverse Universe

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



003BB6



004DED



1E00B6



53565C



00329C

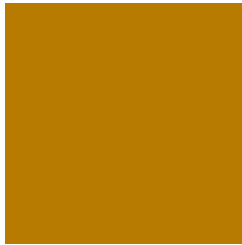


00091C



# Previews

## White Background



This preview shows how the Hex color B67B00 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 B67B00 Background



This preview shows how black text looks on a background with the Hex color B67B00.



This preview shows how white text looks on a background with the Hex color B67B00.

# 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**  
B67B00

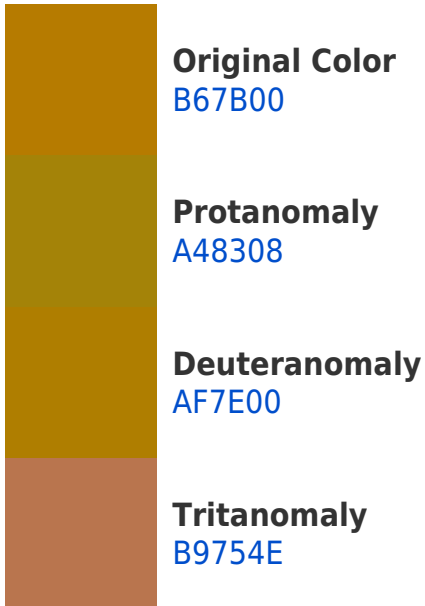
**Protanopia**  
99880C

**Deuteranopia**  
AB8000

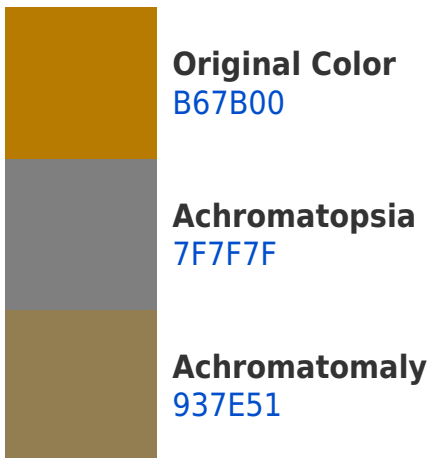


**Tritanopia**  
BB727B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B67B00 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 #B67B00 looks like.

```
.text, #text, p{  
    color:#B67B00  
}
```

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 #B67B00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B67B00
}
```

## Border

The CSS property to change the border of an element to Hex B67B00 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
#B67B00 }
```

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

```
.border{ border-color:#B67B00 }
```

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

Here you see how a box with a 4 pixel #B67B00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B67B00; -webkit-box-shadow:4px 4px  
4px 4px #B67B00; box-shadow:4px 4px 4px  
4px #B67B00 }
```

# Background

The CSS property to change the background color of an element to Hex B67B00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B67B00 }
```

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

```
.background{ background-color:#B67B00 }
```

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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