

# Converting Colors

Hex(B67D38)

Have a look what the booklet for  
Hex(B67D38) contains.

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**Color**

**Hex(B67D38)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B67D38
RGB	182, 125, 56
RGB Percent	71%, 49%, 22%
CMY	0.2863, 0.5098, 0.7804
CMYK	0.00, 0.31, 0.69, 0.29
HSL	33°, 53%, 47%
HSV	33°, 69%, 71%
XYZ	27.3388, 24.8978, 7.1062
YIQ	134.1770, 56.1210, -9.3750

# Conversions

## Conversions Part 2

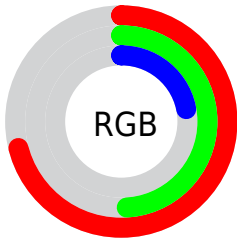
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	160, 182, 56
Decimal	11959608
CIE Lab	56.98, 15.50, 45.30
CIE LCh	57, 47.876, 71.107
Yxy	24.8978, 0.4607, 0.4196
Android (android.graphics.Color)	4290149688 (0xFFB67D38)
YUV	134.1770, -38.5413, 41.9408
Hunter-Lab	49.8977, 10.4786, 26.4846

# Details

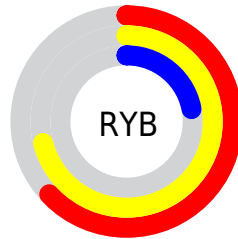
The Hex color **B67D38** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **3871B6**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **F1B26A**, and **7D4C02** is the 20% darker color. If you saturate the color by 10%, you get **B67526**, and if you desaturate by 10%, it is **B6854A**.

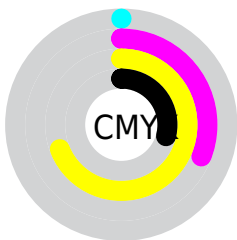
# Distribution



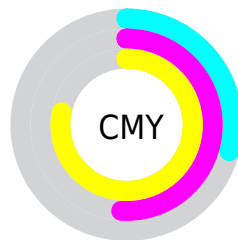
- Red (71%)
- Green (49%)
- Blue (22%)



- Red (63%)
- Yellow (71%)
- Blue (22%)



- Cyan (0%)
- Magenta (31%)
- Yellow (69%)
- Black (29%)



- Cyan (29%)
- Magenta (51%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B67D38 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 B67D38 by changing the saturation by 10% instead.



 B67D38

 B67D38

FFFFFF

 99641F

 F1B26A

 7D4C02

 FFCD84

 613500

 FFE99F

 462000

 FFFFBA

 2C0B00

 FFFFD6

 060000

 FFFFF3

 000000

 B67D38

 B67D38

 B67526

 B6854A

 B66D14

 B68D5C

 B66401

 B6966F

 B66400

 B69E81

 B6A693

 B6AEA5

 B6B7B7

 B6BFCA

 B6C7DC

# Harmonies

## Analogous

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



CF6D54



B67D38



928B32

# Triad

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



B67D38



009E97



A077C8

# Complementary

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



B67D38



3871B6

# 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.



5B88DB



B67D38



009BBF

# Square

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



B67D38



149C6C



0094D7



C768A5

# Rectangle

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



B67D38



74933D



0094D7



8D7DD0



# Sweetspot

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



B67D38



EDD7BB



B63873



786A5A



F7F7F7



787878



# Same Dimension

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



B67D38



ED9428



B2B638



5C5853



9C5500



1C0F00



# Inverse Universe

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



3871B6



2881ED



3C38B6



53575C



00469C



000D1C



# Previews

## White Background



This preview shows how the Hex color B67D38 looks on a white background.

## Color Contrast Check

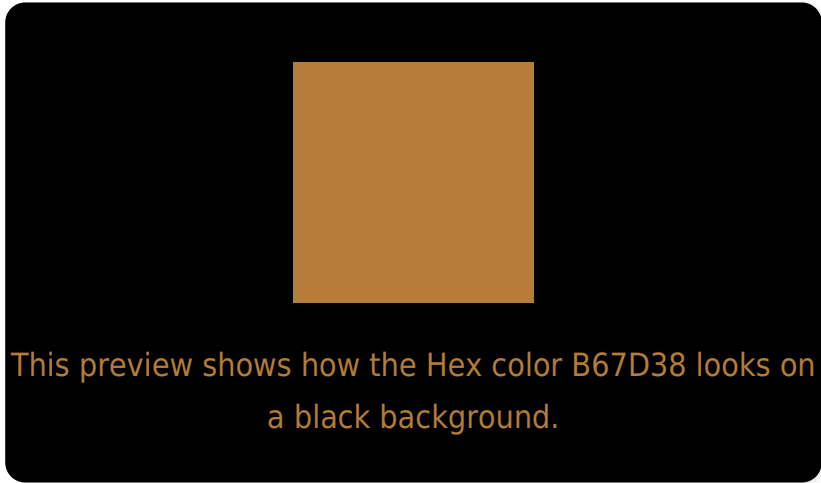
Large Text (above 18pt) WCAG AA ✓ Pass

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

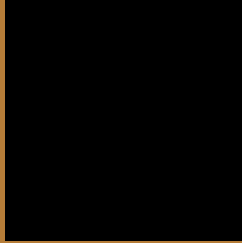
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B67D38 Background



This preview shows how black text looks on a background with the Hex color B67D38.



This preview shows how white text looks on a background with the Hex color B67D38.

# 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**  
B67D38

**Protanopia**  
98893C

**Deuteranopia**  
AB8236

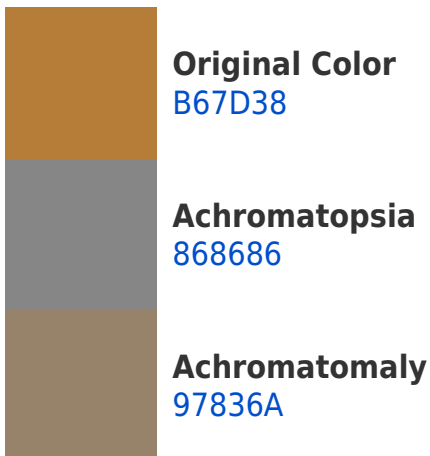


**Tritanopia**  
BB767E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B67D38 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 #B67D38 looks like.

```
.text, #text, p{  
    color:#B67D38  
}
```

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 #B67D38 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B67D38 }  
}
```

## Border

The CSS property to change the border of an element to Hex B67D38 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 #B67D38 }  
}
```

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

```
.border{ border-color:#B67D38 }
```

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

Here you see how a box with a 4 pixel #B67D38 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B67D38; -webkit-box-shadow:4px 4px  
4px 4px #B67D38; box-shadow:4px 4px 4px  
4px #B67D38 }
```

# Background

The CSS property to change the background color of an element to Hex B67D38 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B67D38 }
```

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

```
.background{ background-color:#B67D38 }
```

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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