

# Converting Colors

Hex(B68149)

Have a look what the booklet for  
Hex(B68149) contains.

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**Color**

**Hex(B68149)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B68149
RGB	182, 129, 73
RGB Percent	71%, 51%, 29%
CMY	0.2863, 0.4941, 0.7137
CMYK	0.00, 0.29, 0.60, 0.29
HSL	31°, 43%, 50%
HSV	31°, 60%, 71%
XYZ	28.3443, 26.1266, 9.8524
YIQ	138.4630, 49.5640, -6.1800

# Conversions

## Conversions Part 2

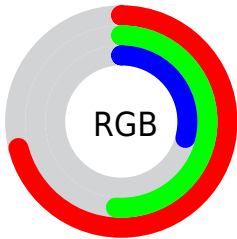
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	176, 182, 73
Decimal	11960649
CIE <sub>Lab</sub>	58.16, 14.41, 38.07
CIE <sub>LCh</sub>	58, 40.703, 69.269
Yxy	26.1266, 0.4407, 0.4062
Android (android.graphics.Color)	4290150729 (0xFFB68149)
YUV	138.4630, -32.2733, 38.1819
Hunter-Lab	51.1142, 9.5333, 24.3517

# Details

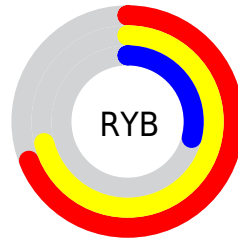
The Hex color **B68149** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **497EB6**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **F1B67B**, and **7E501A** is the 20% darker color. If you saturate the color by 10%, you get **B67837**, and if you desaturate by 10%, it is **B68A5B**.

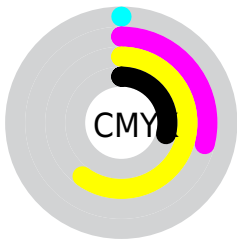
# Distribution



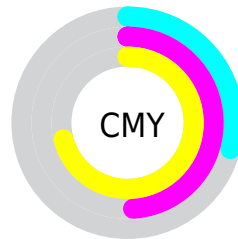
- Red (71%)
- Green (51%)
- Blue (29%)



- Red (69%)
- Yellow (71%)
- Blue (29%)



- Cyan (0%)
- Magenta (29%)
- Yellow (60%)
- Black (29%)



- Cyan (29%)
- Magenta (49%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B68149 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 B68149 by changing the saturation by 10% instead.



 B68149

 B68149

FFFFFF

 9A6831

 F1B67B

 7E501A

 FFD195

 623900

 FFEEB0

 482300

 FFFFCC

 2E0F00

 FFFFEE8

 100000

 000000

 B68149

 B68149

 B67837

 B68A5B

 B66F25

 B6936D

 B66612

 B69C80

 B65E00

 B6A492

 B6ADA4

 B6B6B6

 B6BFC8

 B6C8DB

 B6D1ED

# Harmonies

## Analogous

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



CA7560



B68149



978D43

# Triad

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



B68149



009E96



9D7EC3

# Complementary

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



B68149



497EB6

# 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.



668CD2



B68149



009CB8

# Square

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



B68149



3F9C71



0096CE



C172A6

# Rectangle

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



B68149



7E944C



0096CE



8D83CA



# Sweetspot

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



B68149



EDD8C2



B64980



786B5D



F7F7F7



787878



# Same Dimension

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



B68149



ED9A42



B6B649



5C5753



9C5000



1C0E00



# Inverse Universe

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



497EB6



4295ED



4949B6



53575C



004C9C

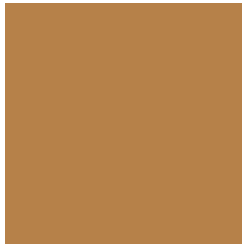


000E1C



# Previews

## White Background



This preview shows how the Hex color B68149 looks on a white background.

## Color Contrast Check

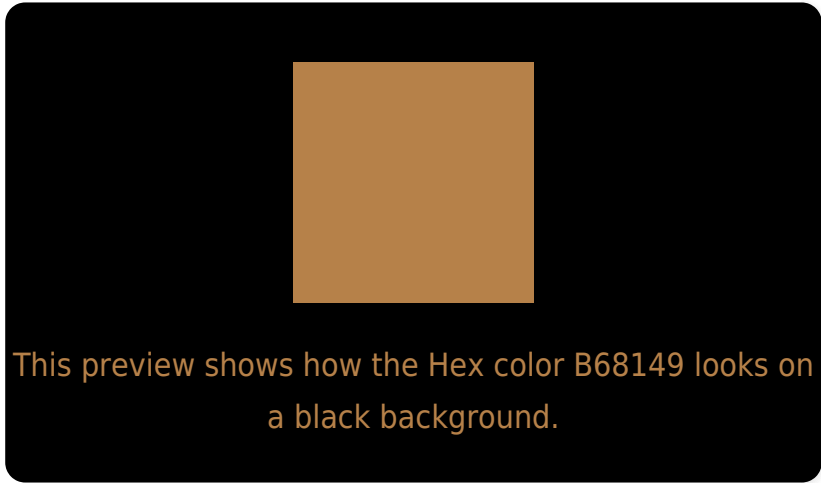
Large Text (above 18pt) WCAG AA ✓ Pass

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 B68149 Background



This preview shows how black text looks on a background with the Hex color B68149.



This preview shows how white text looks on a background with the Hex color B68149.

# 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**  
B68149

**Protanopia**  
9A8C4D

**Deuteranopia**  
AC8548



**Tritanopia**  
BA7A83

# Trichromacy



**Original Color**  
B68149

**Protanomaly**  
A4884C

**Deuteranomaly**  
B08448

**Tritanomaly**  
B97D6E

# Monochromacy



**Original Color**  
B68149

**Achromatopsia**  
8A8A8A

**Achromatomaly**  
9A8772

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B68149 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 #B68149 looks like.

```
.text, #text, p{  
    color:#B68149  
}
```

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 #B68149 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B68149
}
```

## Border

The CSS property to change the border of an element to Hex B68149 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
#B68149 }
```

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

```
.border{ border-color:#B68149 }
```

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

Here you see how a box with a 4 pixel #B68149 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B68149; -webkit-box-shadow:4px 4px  
4px 4px #B68149; box-shadow:4px 4px 4px  
4px #B68149 }
```

# Background

The CSS property to change the background color of an element to Hex B68149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B68149 }
```

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

```
.background{ background-color:#B68149 }
```

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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