

# Converting Colors

Hex(B18749)

Have a look what the booklet for  
Hex(B18749) contains.

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**Color**

**Hex(B18749)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	<b>B18749</b>
RGB	<b>177, 135, 73</b>
RGB Percent	<b>69%, 53%, 29%</b>
CMY	<b>0.3059, 0.4706, 0.7137</b>
CMYK	<b>0.00, 0.24, 0.59, 0.31</b>
HSL	<b>36°, 42%, 49%</b>
HSV	<b>36°, 59%, 69%</b>
XYZ	<b>27.9980, 27.1561, 10.0693</b>
YIQ	<b>140.4900, 44.9340, -10.3780</b>

# Conversions

## Conversions Part 2

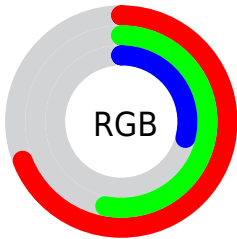
<b>Format</b>	<b>Color</b>
<b>RYB</b>	143, 177, 73
Decimal	11634505
CIELab	59.12, 8.90, 39.07
CIElCh	59, 40.072, 77.170
Yxy	27.1561, 0.4293, 0.4164
Android (android.graphics.Color)	4289824585 (0xFFB18749)
YUV	140.4900, -33.2726, 32.0193
Hunter-Lab	52.1115, 4.7078, 25.0217

# Details

The Hex color **B18749** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **4973B1**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **EBBC7B**, and **795519** is the 20% darker color. If you saturate the color by 10%, you get **B18037**, and if you desaturate by 10%, it is **B18E5B**.

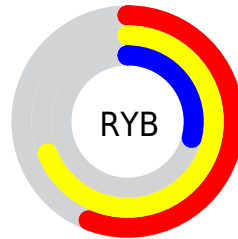
# Distribution



Red (69%)

Green (53%)

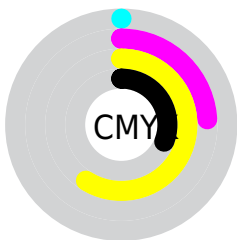
Blue (29%)



Red (56%)

Yellow (69%)

Blue (29%)

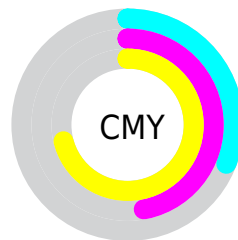


Cyan (0%)

Magenta (24%)

Yellow (59%)

Black (31%)



Cyan (31%)

Magenta (47%)


Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B18749 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 B18749 by changing the saturation by 10% instead.



 B18749

 B18749

FFFFFF

 956E31

 EBBC7B

 795519

 FFD896

 5E3E00

 FFF4B1

 452900

 FFFFCC

 2B1400

 FFFFEE

 0D0000

 000000

 B18749

 B18749

 B18037

 B18E5B

 B17926

 B1956C

 B17214

 B19C7E

 B16A02

 B1A490

 B16A00

 B1ABA2

 B1B2B3

 B1B9C5

 B1C0D7

 B1C7E8

# Harmonies

## Analogous

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



C87B5C



B18749



909349

# Triad

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



B18749



00A0A2



AB7DBE

# Complementary

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



B18749



4973B1

# 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.



7A8BD1



B18749



009EC1

# Square

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



B18749



32A07D



2D96D2



C8739F

# Rectangle

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



B18749



769954



2D96D2



9D82C6



# Sweetspot

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



B18749



E6D5BC



B14974



73695A



F2F2F2



737373



# Same Dimension

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



B18749



E6A443



A8B149



595650



995B00



1A0F00



# Inverse Universe

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



4973B1



4384E6



5249B1



505459



003E99

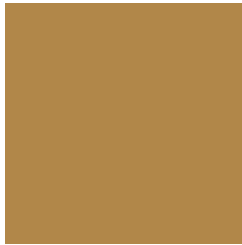


000A1A



# Previews

## White Background



This preview shows how the Hex color B18749 looks on a white background.

## Color Contrast Check

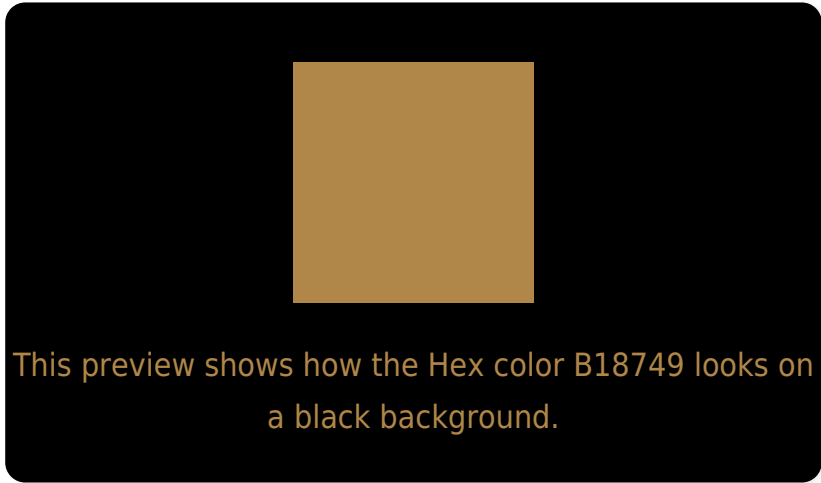
Large Text (above 18pt) WCAG AA ✓ Pass

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 B18749 Background



This preview shows how black text looks on a background with the Hex color B18749.



This preview shows how white text looks on a background with the Hex color B18749.

# 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**  
B18749

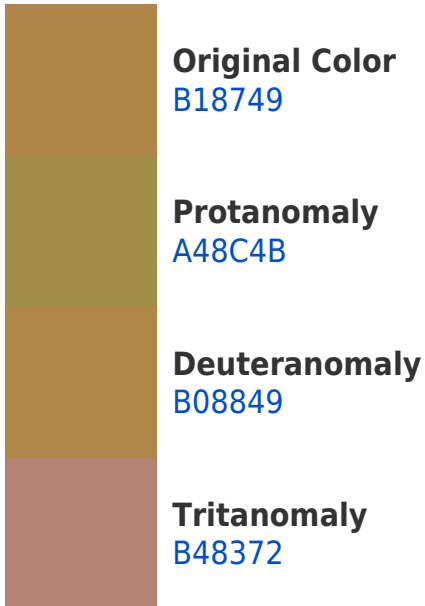
**Protanopia**  
9D8F4C

**Deuteranopia**  
AF8849

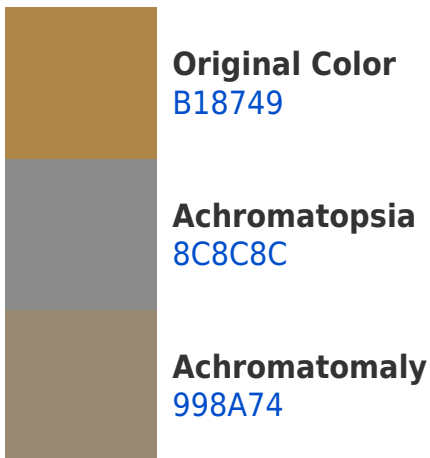


**Tritanopia**  
B68089

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B18749 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 #B18749 looks like.

```
.text, #text, p{  
    color:#B18749  
}
```

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 #B18749 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B18749
}
```

## Border

The CSS property to change the border of an element to Hex B18749 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
#B18749 }
```

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

```
.border{ border-color:#B18749 }
```

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

Here you see how a box with a 4 pixel #B18749 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B18749; -webkit-box-shadow:4px 4px  
4px 4px #B18749; box-shadow:4px 4px 4px  
4px #B18749 }
```

# Background

The CSS property to change the background color of an element to Hex B18749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B18749 }
```

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

```
.background{ background-color:#B18749 }
```

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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