

Converting Colors

Hex(B18747)

Have a look what the booklet for
Hex(B18747) contains.

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Color

Hex(B18747)

Conversions

Conversions Part 1

Format	Color
Hex	B18747
RGB	177, 135, 71
RGB Percent	69%, 53%, 28%
CMY	0.3059, 0.4706, 0.7216
CMYK	0.00, 0.24, 0.60, 0.31
HSL	36°, 43%, 49%
HSV	36°, 60%, 69%
XYZ	27.9328, 27.1300, 9.7256
YIQ	140.2620, 45.5760, -11.0000

Conversions

Conversions Part 2

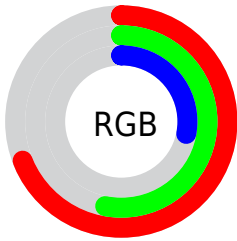
Format	Color
RYB	141, 177, 71
Decimal	11634503
CIELab	59.09, 8.74, 40.07
CIElCh	59, 41.014, 77.691
Yxy	27.1300, 0.4311, 0.4187
Android (android.graphics.Color)	4289824583 (0xFFB18747)
YUV	140.2620, -34.1462, 32.2192
Hunter-Lab	52.0865, 4.5741, 25.3898

Details

The Hex color **B18747** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **4771B1**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **EBBC79**, and **795517** is the 20% darker color. If you saturate the color by 10%, you get **B18035**, and if you desaturate by 10%, it is **B18E59**.

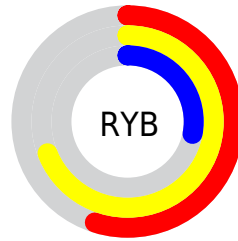
Distribution



Red (69%)

Green (53%)

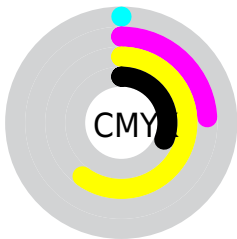
Blue (28%)



Red (55%)

Yellow (69%)

Blue (28%)

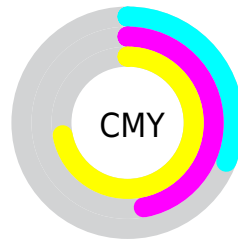


Cyan (0%)

Magenta (24%)

Yellow (60%)

Black (31%)



Cyan (31%)


Magenta (47%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color B18747 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 B18747 by changing the saturation by 10% instead.

 B18747

 B18747

FFFFFF

 956E2F

 EBBC79

 795517

 FFD894

 5E3E00

 FFF4AF

 442900

 FFFFCA

 2B1400

 FFFFEE

 0C0000

 000000

 B18747

 B18747

 B18035

 B18E59

 B17924

 B1956A

 B17212

 B19C7C

 B16B00

 B1A38E

 B1AAA0

 B1B1B1

 B1B8C3

 B1BFD5

 B1C6E6

Harmonies

Analogous

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



C97A5A



B18747



8F9347

Triad

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



B18747



00A1A3



AC7DBF

Complementary

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



B18747



4771B1

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.



7A8AD3



B18747



009EC3

Square

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



B18747



2CA07E



2996D4



CA729F

Rectangle

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



B18747



759953



2996D4



9E81C7

Sweetspot

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



B18747



E6D5BC



B14771



73695A



F2F2F2



737373

Same Dimension

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



B18747



E6A440



A6B147



595650



995C00



1A0F00

Inverse Universe

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



4771B1



4082E6



5247B1



505459



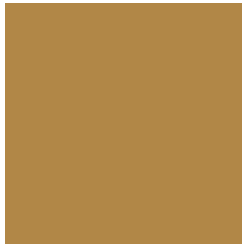
003D99



000A1A

Previews

White Background



This preview shows how the Hex color B18747 looks on a white background.

Color Contrast Check

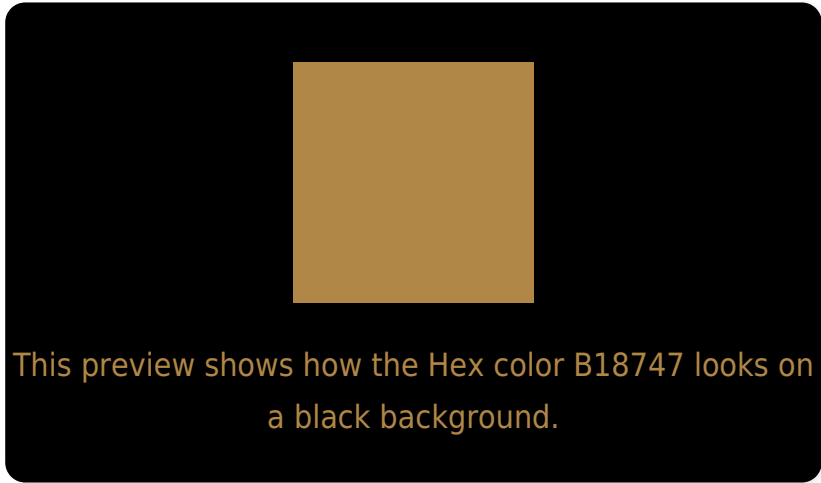
Large Text (above 18pt) WCAG AA ✓ Pass

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

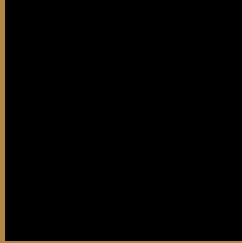
Any Text WCAG AA ✓ Pass

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 B18747 Background



This preview shows how black text looks on a background with the Hex color B18747.



This preview shows how white text looks on a background with the Hex color B18747.

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
B18747

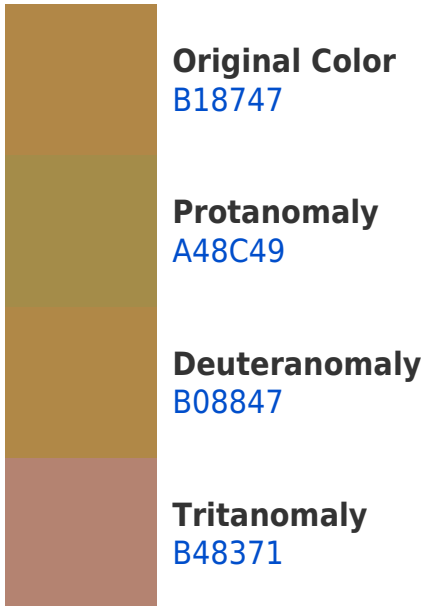
Protanopia
9D8F4A

Deuteranopia
AF8847

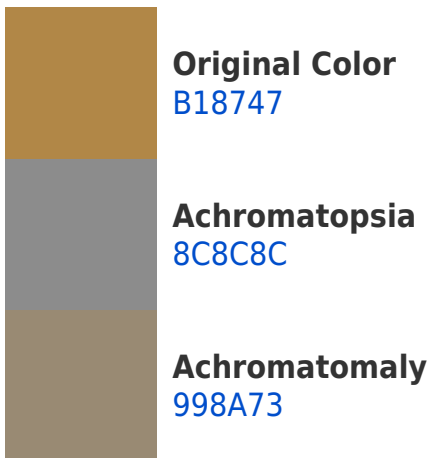


Tritanopia
B68089

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B18747 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 #B18747 looks like.

```
.text, #text, p{  
    color:#B18747  
}
```

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 #B18747 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B18747
}
```

Border

The CSS property to change the border of an element to Hex B18747 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
#B18747 }
```

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

```
.border{ border-color:#B18747 }
```

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

Here you see how a box with a 4 pixel #B18747 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B18747; -webkit-box-shadow:4px 4px  
4px 4px #B18747; box-shadow:4px 4px 4px  
4px #B18747 }
```

Background

The CSS property to change the background color of an element to Hex B18747 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B18747 }
```

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

```
.background{ background-color:#B18747 }
```

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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