

# Converting Colors

Hex(B4871A)

Have a look what the booklet for  
Hex(B4871A) contains.

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**Color**

**Hex(B4871A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B4871A
RGB	180, 135, 26
RGB Percent	71%, 53%, 10%
CMY	0.2941, 0.4706, 0.8980
CMYK	0.00, 0.25, 0.86, 0.29
HSL	42°, 75%, 40%
HSV	42°, 86%, 71%
XYZ	27.6728, 27.1058, 4.7507
YIQ	136.0290, 61.8090, -24.3590

# Conversions

## Conversions Part 2

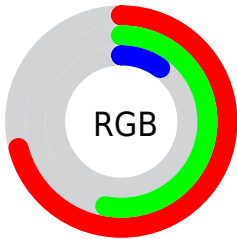
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	90, 180, 26
Decimal	11831066
CIE <sub>Lab</sub>	59.07, 7.80, 59.03
CIE <sub>LCh</sub>	59, 59.539, 82.468
Yxy	27.1058, 0.4649, 0.4553
Android (android.graphics.Color)	4290021146 (0xFFB4871A)
YUV	136.0290, -54.2443, 38.5626
Hunter-Lab	52.0633, 3.7662, 31.0341

# Details

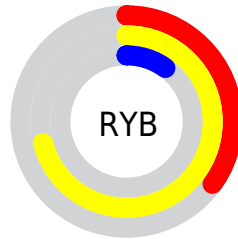
The Hex color **B4871A** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **1A47B4**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **F0BC52**, and **7A5600** is the 20% darker color. If you saturate the color by 10%, you get **B48208**, and if you desaturate by 10%, it is **B48C2C**.

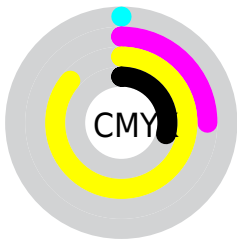
# Distribution



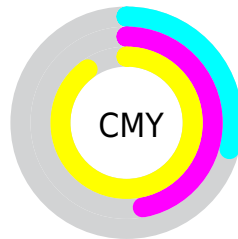
- Red (71%)
- Green (53%)
- Blue (10%)



- Red (35%)
- Yellow (71%)
- Blue (10%)



- Cyan (0%)
- Magenta (25%)
- Yellow (86%)
- Black (29%)



- Cyan (29%)
- Magenta (47%)
- Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B4871A 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 B4871A by changing the saturation by 10% instead.



 B4871A

 B4871A

FFFFFF

 976E00

 F0BC52

 7A5600

 FFD86D

 5E3F00

 FFF488

 432900

 FFFFA3

 2A1500

 FFFFBF

 0A0000

 FFFFDC

 000000

 FFFFF9

 B4871A

 B4871A

 B48208

 B48C2C

 B47F00

 B4923E

 B49750

 B49C62

 B4A174

 B4A786

 B4AC98

 B4B1AA

 B4B6BC

# Harmonies

## Analogous

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



D9723B



B4871A



839721

# Triad

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



B4871A



00A7B5



C16FCF

# Complementary

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



B4871A



1A47B4

# 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.



7686EF



B4871A



00A3E0

# Square

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



B4871A



00A67F



0098F6



E65D9E

# Rectangle

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



B4871A



5A9F3B



0098F6



AD77DC



# Sweetspot

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



B4871A



EBD9AE



B41A48



756B51



F5F5F5



757575



# Same Dimension

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



B4871A



EBA600



95B41A



595750



996C00



1A1200



# Inverse Universe

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



1A47B4



0045EB



391AB4



505359



002D99

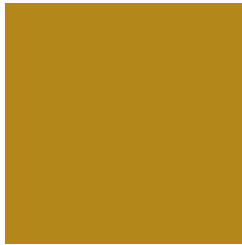


00071A



# Previews

## White Background



This preview shows how the Hex color B4871A 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 B4871A Background



This preview shows how black text looks on a background with the Hex color B4871A.



This preview shows how white text looks on a background with the Hex color B4871A.

# 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**  
B4871A

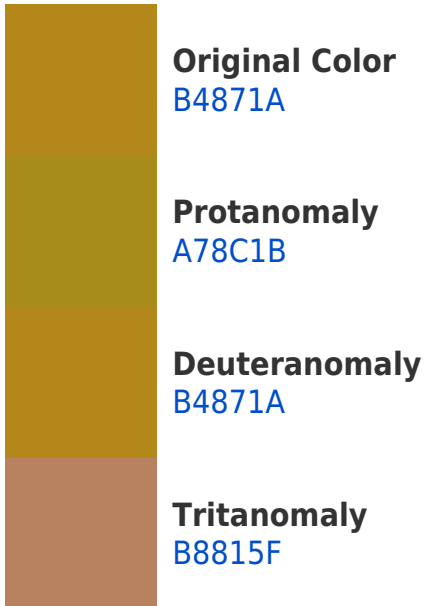
**Protanopia**  
A0F1C

**Deuteranopia**  
B4871A

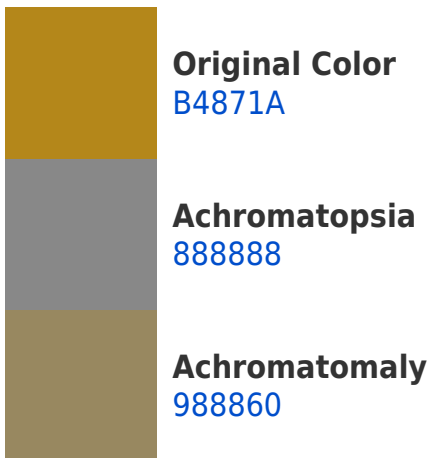


**Tritanopia**  
BA7E87

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B4871A 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 #B4871A looks like.

```
.text, #text, p{  
    color:#B4871A  
}
```

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 #B4871A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B4871A
}
```

## Border

The CSS property to change the border of an element to Hex B4871A 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
#B4871A }
```

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

```
.border{ border-color:#B4871A }
```

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

Here you see how a box with a 4 pixel #B4871A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B4871A; -webkit-box-shadow:4px 4px  
4px 4px #B4871A; box-shadow:4px 4px 4px  
4px #B4871A }
```

# Background

The CSS property to change the background color of an element to Hex B4871A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B4871A }
```

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

```
.background{ background-color:#B4871A }
```

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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