

# Converting Colors

Hex(BA8831)

Have a look what the booklet for  
Hex(BA8831) contains.

<b>Hex(BA8831)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(BA8831)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BA8831
RGB	186, 136, 49
RGB Percent	73%, 53%, 19%
CMY	0.2706, 0.4667, 0.8078
CMYK	0.00, 0.27, 0.74, 0.27
HSL	38°, 58%, 46%
HSV	38°, 74%, 73%
XYZ	29.6082, 28.2692, 6.8017
YIQ	141.0320, 57.7270, -16.4570

# Conversions

## Conversions Part 2

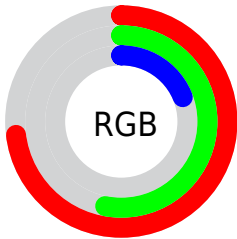
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	128, 186, 49
Decimal	12224561
CIE <sub>Lab</sub>	60.13, 10.79, 51.90
CIE <sub>LCh</sub>	60, 53.014, 78.254
Yxy	28.2692, 0.4578, 0.4371
Android (android.graphics.Color)	4290414641 (0xFFBA8831)
YUV	141.0320, -45.3718, 39.4369
Hunter-Lab	53.1688, 6.3565, 29.6334

# Details

The Hex color **BA8831** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **3163BA**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **F6BD64**, and **805600** is the 20% darker color. If you saturate the color by 10%, you get **BA811E**, and if you desaturate by 10%, it is **BA8F44**.

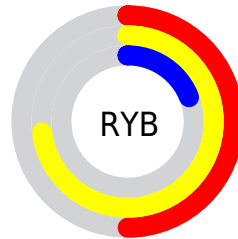
# Distribution



Red (73%)

Green (53%)

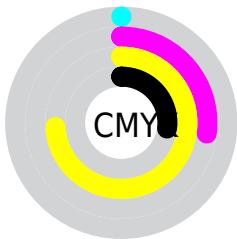
Blue (19%)



Red (50%)

Yellow (73%)

Blue (19%)

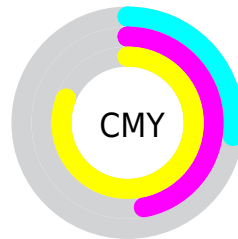


Cyan (0%)

Magenta (27%)

Yellow (74%)

Black (27%)



Cyan (27%)

Magenta (47%)

Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BA8831 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 BA8831 by changing the saturation by 10% instead.



 BA8831

 BA8831

FFFFFF

 9D6F15

 F6BD64

 805600

 FFD97F

 653F00

 FFF59A

 492900

 FFFFB5

 2F1500

 FFFFD1

 170000

 FFFFEE

 000000

 BA8831

 BA8831

 BA811E

 BA8F44

 BA7A0C

 BA9656

 BA7600

 BA9C69

 BAA37B

 BAAA8E

 BAB1A1

 BAB8B3

 BABEC6

 BAC5D8

# Harmonies

## Analogous

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



D9764D



BA8831



8F9732

# Triad

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



BA8831



00A8AD



B879D0

# Complementary

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



BA8831



3163BA

# 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.



728CEA



BA8831



00A4D6

# Square

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



BA8831



00A77C



009BEC



DD69A5

# Rectangle

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



BA8831



6C9F43



009BEC



A47FDB

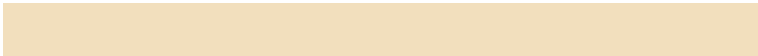


# Sweetspot

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



BA8831



F2DFBD



BA3163



7A6F5B



FAFAFA



7A7A7A



# Same Dimension

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



BA8831



F2A41D



A8BA31



5C5853



9C6300



1C1200



# Inverse Universe

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



3163BA



1D6BF2



4331BA



53565C



00399C



000A1C



# Previews

## White Background



This preview shows how the Hex color BA8831 looks on a white background.

## Color Contrast Check

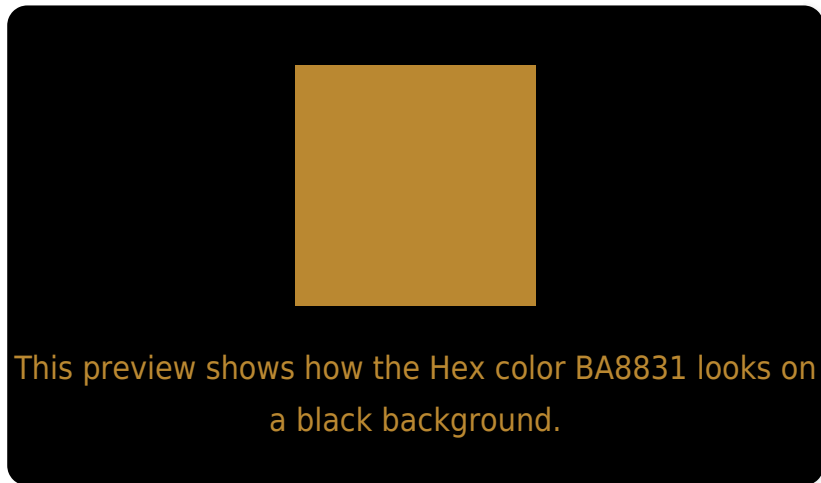
Large Text (above 18pt) WCAG AA ✓ Pass

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 BA8831 Background



This preview shows how black text looks on a background with the Hex color BA8831.



This preview shows how white text looks on a background with the Hex color BA8831.

# 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**  
BA8831

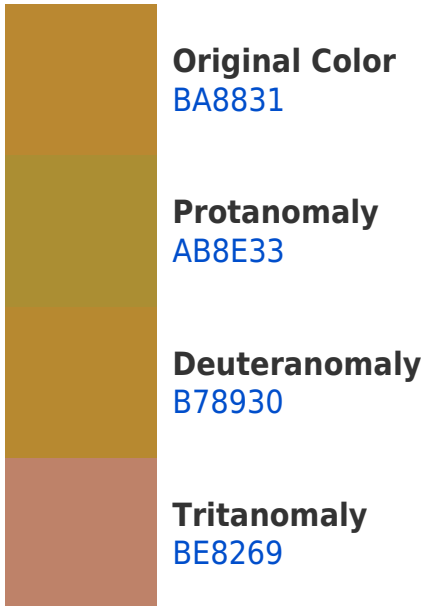
**Protanopia**  
A29234

**Deuteranopia**  
B68A30



**Tritanopia**  
C07F89

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BA8831 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 #BA8831 looks like.

```
.text, #text, p{  
    color:#BA8831  
}
```

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 #BA8831 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BA8831
}
```

## Border

The CSS property to change the border of an element to Hex BA8831 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
#BA8831 }
```

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

```
.border{ border-color:#BA8831 }
```

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

Here you see how a box with a 4 pixel #BA8831 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BA8831; -webkit-box-shadow:4px 4px  
4px 4px #BA8831; box-shadow:4px 4px 4px  
4px #BA8831 }
```

# Background

The CSS property to change the background color of an element to Hex BA8831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BA8831 }
```

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

```
.background{ background-color:#BA8831 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor