

# Converting Colors

Hex(BB8845)

Have a look what the booklet for  
Hex(BB8845) contains.

<b>Hex(BB8845)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(BB8845)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BB8845
RGB	187, 136, 69
RGB Percent	73%, 53%, 27%
CMY	0.2667, 0.4667, 0.7294
CMYK	0.00, 0.27, 0.63, 0.27
HSL	34°, 46%, 50%
HSV	34°, 63%, 73%
XYZ	30.3719, 28.6028, 9.5503
YIQ	143.6110, 51.9030, -10.0250

# Conversions

## Conversions Part 2

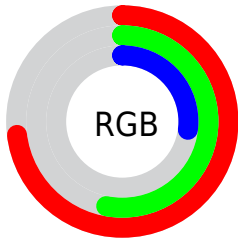
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	159, 187, 69
Decimal	12290117
CIE Lab	60.43, 12.40, 42.91
CIE LCh	60, 44.667, 73.888
Yxy	28.6028, 0.4432, 0.4174
Android (android.graphics.Color)	4290480197 (0xFFBB8845)
YUV	143.6110, -36.7832, 38.0522
Hunter-Lab	53.4816, 7.7763, 26.8495

# Details

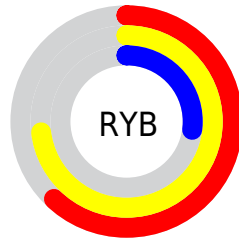
The Hex color **BB8845** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **4578BB**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **F6BD77**, and **825613** is the 20% darker color. If you saturate the color by 10%, you get **BB8032**, and if you desaturate by 10%, it is **BB9058**.

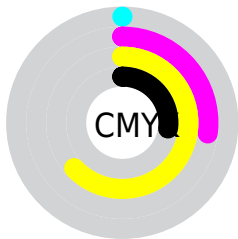
# Distribution



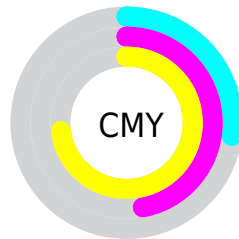
- Red (73%)
- Green (53%)
- Blue (27%)



- Red (62%)
- Yellow (73%)
- Blue (27%)



- Cyan (0%)
- Magenta (27%)
- Yellow (63%)
- Black (27%)



- Cyan (27%)
- Magenta (47%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BB8845 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 BB8845 by changing the saturation by 10% instead.





BB8845



BB8845

FFFFFF



9E6F2D



F6BD77



825613



FFD992



673F00



FFF5AD



4C2900



FFFFC9



321500



FFFFE5



1A0000



000000



BB8845



BB8845



BB8032



BB9058

 BB7820

 BB986A

 BB700D

 BBA07D

 BB6A00

 BBA890

 BBB0A3

 BBB8B5

 BBC1C8

 BBC9DB

 BBD1ED

# Harmonies

## Analogous

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



D47A5D



BB8845



979542

# Triad

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



BB8845



00A6A3



AC80CB

# Complementary

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



BB8845



4578BB

# 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.



7190DE



BB8845



00A3C7

# Square

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



BB8845



2BA47B



009CDD



D074A9

# Rectangle

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



BB8845



7B9C4E



009CDD



9B85D3



# Sweetspot

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



BB8845



F2DEC4



BB4578



7A6E5E



FAFAFA



7A7A7A



# Same Dimension

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



BB8845



F2A33A



B3BB45



5E5A55



9E5A00



1F1100



# Inverse Universe

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



4578BB



3A8AF2



4D45BB



55595E



00449E

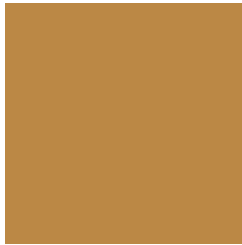


000D1F



# Previews

## White Background



This preview shows how the Hex color BB8845 looks on a white background.

## Color Contrast Check

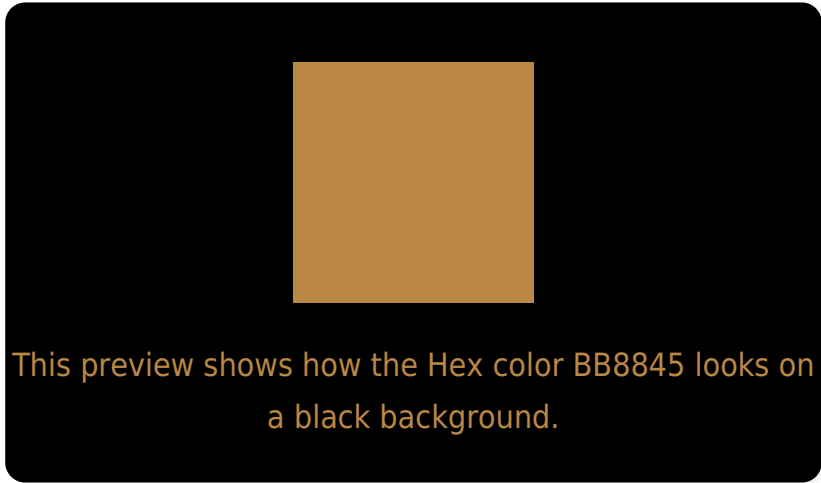
Large Text (above 18pt) WCAG AA ✓ Pass

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

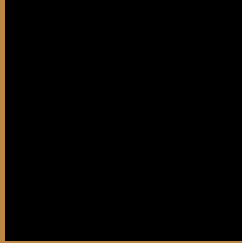
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex BB8845 Background



This preview shows how black text looks on a background with the Hex color BB8845.



This preview shows how white text looks on a background with the Hex color BB8845.

# 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**  
BB8845

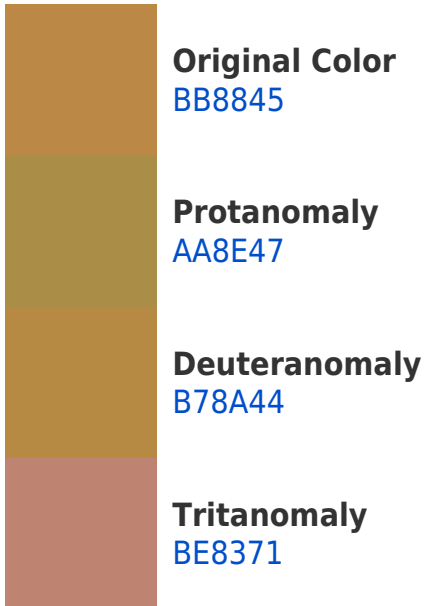
**Protanopia**  
A19248

**Deuteranopia**  
B48B44



**Tritanopia**  
C0808A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BB8845 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 #BB8845 looks like.

```
.text, #text, p{  
    color:#BB8845  
}
```

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 #BB8845 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB8845
}
```

## Border

The CSS property to change the border of an element to Hex BB8845 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
#BB8845 }
```

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

```
.border{ border-color:#BB8845 }
```

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

Here you see how a box with a 4 pixel #BB8845 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB8845; -webkit-box-shadow:4px 4px  
4px 4px #BB8845; box-shadow:4px 4px 4px  
4px #BB8845 }
```

# Background

The CSS property to change the background color of an element to Hex BB8845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB8845 }
```

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

```
.background{ background-color:#BB8845 }
```

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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