

Converting Colors

Hex(BB8821)

Have a look what the booklet for
Hex(BB8821) contains.

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Color

Hex(BB8821)

Conversions

Conversions Part 1

Format	Color
Hex	BB8821
RGB	187, 136, 33
RGB Percent	73%, 53%, 13%
CMY	0.2667, 0.4667, 0.8706
CMYK	0.00, 0.27, 0.82, 0.27
HSL	40°, 70%, 43%
HSV	40°, 82%, 73%
XYZ	29.5722, 28.2829, 5.3394
YIQ	139.5070, 63.4590, -21.2210

Conversions

Conversions Part 2

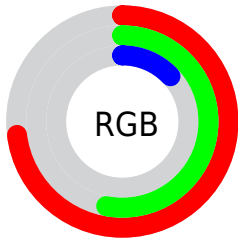
Format	Color
R_{YB}	109, 187, 33
Decimal	12290081
CIE _{Lab}	60.14, 10.60, 58.08
CIE _{LCh}	60, 59.037, 79.655
Yxy	28.2829, 0.4680, 0.4476
Android (android.graphics.Color)	4290480161 (0xFFBB8821)
YUV	139.5070, -52.5080, 41.6514
Hunter-Lab	53.1817, 6.1887, 31.2745

Details

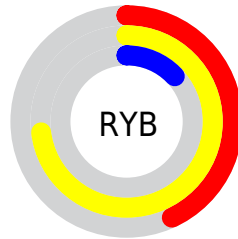
The Hex color **BB8821** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **2154BB**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **F7BD57**, and **815700** is the 20% darker color. If you saturate the color by 10%, you get **BB820E**, and if you desaturate by 10%, it is **BB8E34**.

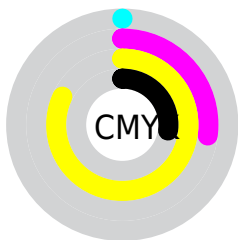
Distribution



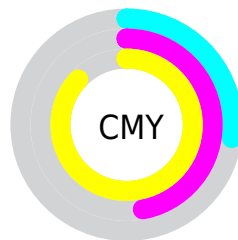
- Red (73%)
- Green (53%)
- Blue (13%)



- Red (43%)
- Yellow (73%)
- Blue (13%)



- Cyan (0%)
- Magenta (27%)
- Yellow (82%)
- Black (27%)



- Cyan (27%)
- Magenta (47%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color BB8821 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 BB8821 by changing the saturation by 10% instead.



BB8821



BB8821

FFFFFF



9E6F00



F7BD57



815700



FFD972



653F00



FFF58D



492A00



FFFFA8



2F1500



FFFFC4



170000



FFFFE1



000000

FFFFFFE



BB8821



BB8821

■ BB820E

■ BB8E34

■ BB7D00

■ BB9446

■ BB9B59

■ BBA16C

■ BBA77F

■ BBAD91

■ BBB3A4

■ BBBAB7

■ BBC0C9

Harmonies

Analogous

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



DE7343



BB8821



8B9923

Triad

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



BB8821



00AAB2



BE74D5

Complementary

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



BB8821



2154BB

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.



708BF3



BB8821



00A6DF

Square

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



BB8821



00A97D



009CF7



E662A5

Rectangle

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



BB8821



64A03B



009CF7



A97CE2

Sweetspot

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



BB8821



F2DEB6



BB2154



7A6E56



FAFAFA



7A7A7A

Same Dimension

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



BB8821



F2A302



A1BB21



5E5B55



9E6A00



1F1400

Inverse Universe

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



2154BB



0252F2



3B21BB



55585E



00349E



000A1F

Previews

White Background



This preview shows how the Hex color BB8821 looks on a white background.

Color Contrast Check

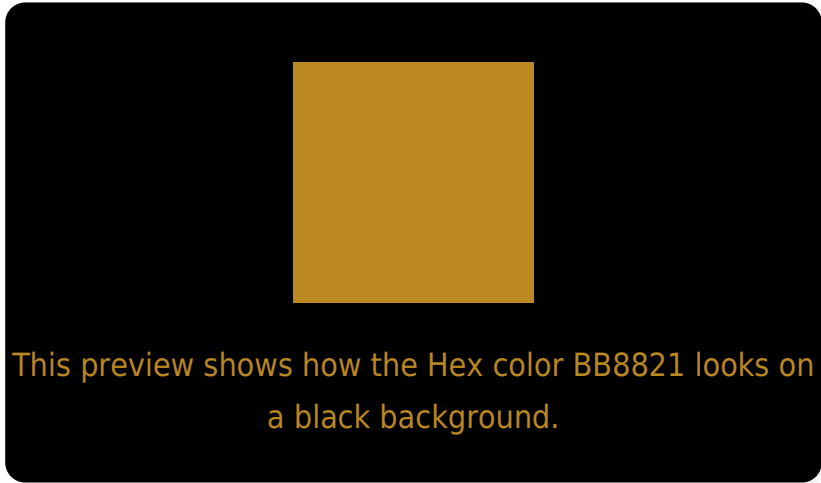
Large Text (above 18pt) WCAG AA ✓ Pass

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 BB8821 Background



This preview shows how black text looks on a background with the Hex color BB8821.



This preview shows how white text looks on a background with the Hex color BB8821.

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
BB8821

Protanopia
A39223

Deuteranopia
B78A20



Tritanopia
C17F88

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BB8821 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 #BB8821 looks like.

```
.text, #text, p{  
    color:#BB8821  
}
```

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 #BB8821 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB8821
}
```

Border

The CSS property to change the border of an element to Hex BB8821 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
#BB8821 }
```

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

```
.border{ border-color:#BB8821 }
```

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

Here you see how a box with a 4 pixel #BB8821 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB8821; -webkit-box-shadow:4px 4px  
4px 4px #BB8821; box-shadow:4px 4px 4px  
4px #BB8821 }
```

Background

The CSS property to change the background color of an element to Hex BB8821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB8821 }
```

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

```
.background{ background-color:#BB8821 }
```

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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