

Converting Colors

Hex(BB8D49)

Have a look what the booklet for
Hex(BB8D49) contains.

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Color

Hex(BB8D49)

Conversions

Conversions Part 1

Format	Color
Hex	BB8D49
RGB	187, 141, 73
RGB Percent	73%, 55%, 29%
CMY	0.2667, 0.4471, 0.7137
CMYK	0.00, 0.25, 0.61, 0.27
HSL	36°, 46%, 51%
HSV	36°, 61%, 73%
XYZ	31.2210, 30.0956, 10.4668
YIQ	147.0020, 49.2440, -11.3960

Conversions

Conversions Part 2

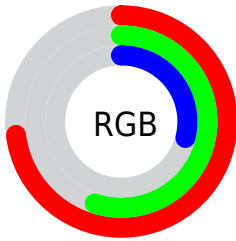
Format	Color
RYB	150, 187, 73
Decimal	12291401
CIELab	61.74, 9.92, 42.41
CIELCh	62, 43.555, 76.837
Yxy	30.0956, 0.4349, 0.4193
Android (android.graphics.Color)	4290481481 (0xFFBB8D49)
YUV	147.0020, -36.4830, 35.0782
Hunter-Lab	54.8594, 5.5819, 27.0895

Details

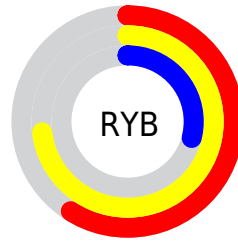
The Hex color **BB8D49** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **4977BB**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **F6C37C**, and **825B18** is the 20% darker color. If you saturate the color by 10%, you get **BB8536**, and if you desaturate by 10%, it is **BB955C**.

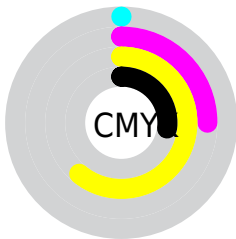
Distribution



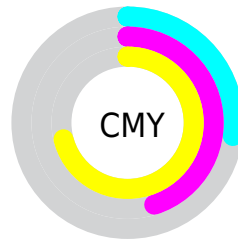
- Red (73%)
- Green (55%)
- Blue (29%)



- Red (59%)
- Yellow (73%)
- Blue (29%)



- Cyan (0%)
- Magenta (25%)
- Yellow (61%)
- Black (27%)



- Cyan (27%)
- Magenta (45%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color BB8D49 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 BB8D49 by changing the saturation by 10% instead.



BB8D49



BB8D49

FFFFFF



9E7431



F6C37C



825B18



FFDE96



674400



FFFBB1



4D2D00



FFFPCD



321900



FFFEEA



1B0000



000000



BB8D49



BB8D49



BB8536



BB955C

 BB7E24

 BB9C6E

 BB7611

 BBA481

 BB7000

 BBAB94

 BBB3A7

 BBBAB9

 BBC2CC

 BBC9DF

 BBD1F1

Harmonies

Analogous

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



D47F5E



BB8D49



979A49

Triad

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



BB8D49



00A9AA



B483CA

Complementary

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



BB8D49



4977BB

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.



7D92DF



BB8D49



00A6CC

Square

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



BB8D49



2CA882



1C9EE0



D477A8

Rectangle

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



BB8D49



7BA055



1C9EE0



A488D3

Sweetspot

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



BB8D49



F2E1C7



BB4978



7A705F



FAFAFA



7A7A7A

Same Dimension

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



BB8D49



F2AB41



B2BB49



5E5B55



9E5E00



1F1200

Inverse Universe

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



4977BB



4189F2



5349BB



55595E



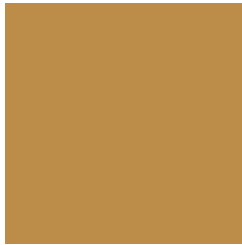
00409E



000C1F

Previews

White Background



This preview shows how the Hex color BB8D49 looks on a white background.

Color Contrast Check

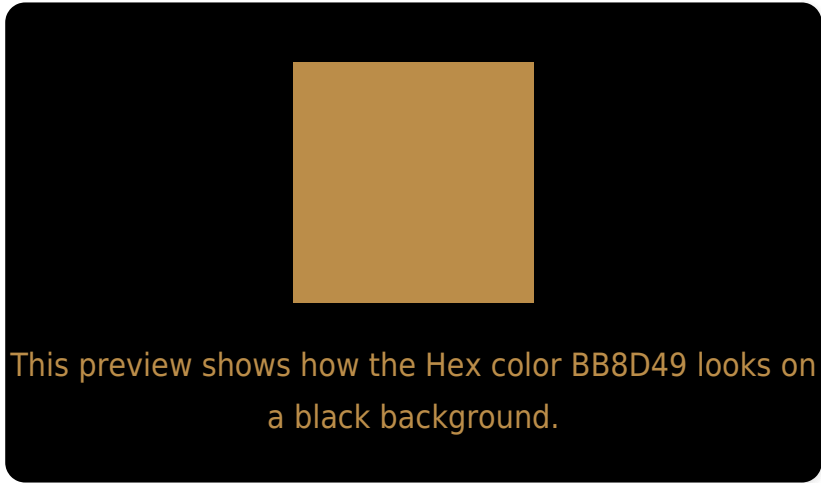
Large Text (above 18pt) WCAG AA × Fail

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

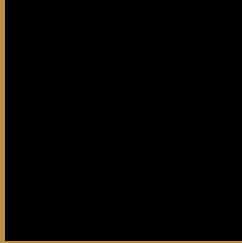
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Hex BB8D49 Background



This preview shows how black text looks on a background with the Hex color BB8D49.



This preview shows how white text looks on a background with the Hex color BB8D49.

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
BB8D49

Protanopia
A5964C

Deuteranopia
B88E49



Tritanopia
C0858F

Trichromacy



Original Color
BB8D49

Protanomaly
AD934B

Deuteranomaly
B98E49

Tritanomaly
BE8876

Monochromacy



Original Color
BB8D49

Achromatopsia
939393

Achromatomaly
A29178

CSS Examples

Text

The CSS property to change the color of the text to Hex BB8D49 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 #BB8D49 looks like.

```
.text, #text, p{  
    color:#BB8D49  
}
```

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 #BB8D49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB8D49
}
```

Border

The CSS property to change the border of an element to Hex BB8D49 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
#BB8D49 }
```

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

```
.border{ border-color:#BB8D49 }
```

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

Here you see how a box with a 4 pixel #BB8D49 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB8D49; -webkit-box-shadow:4px 4px  
4px 4px #BB8D49; box-shadow:4px 4px 4px  
4px #BB8D49 }
```

Background

The CSS property to change the background color of an element to Hex BB8D49 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB8D49 }
```

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

```
.background{ background-color:#BB8D49 }
```

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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