

Converting Colors

Hex(BB876B)

Have a look what the booklet for
Hex(BB876B) contains.

Hex(BB876B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(BB876B)

Conversions

Conversions Part 1

Format	Color
Hex	BB876B
RGB	187, 135, 107
RGB Percent	73%, 53%, 42%
CMY	0.2667, 0.4706, 0.5804
CMYK	0.00, 0.28, 0.43, 0.27
HSL	21°, 37%, 58%
HSV	21°, 43%, 73%
XYZ	31.8113, 28.9543, 17.8220
YIQ	147.3560, 39.9800, 2.3160

Conversions

Conversions Part 2

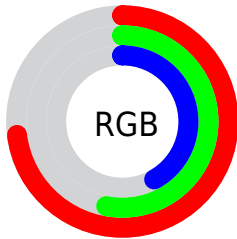
Format	Color
R_{YB}	187, 150, 107
Decimal	12289899
CIE _{Lab}	60.74, 16.37, 22.91
CIE _{LCh}	61, 28.157, 54.454
Yxy	28.9543, 0.4048, 0.3684
Android (android.graphics.Color)	4290479979 (0xFFBB876B)
YUV	147.3560, -19.8955, 34.7678
Hunter-Lab	53.8092, 11.3610, 18.0291

Details

The Hex color **BB876B** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **6B9FBB**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **F5BC9F**, and **84553B** is the 20% darker color. If you saturate the color by 10%, you get **BB7B58**, and if you desaturate by 10%, it is **BB937E**.

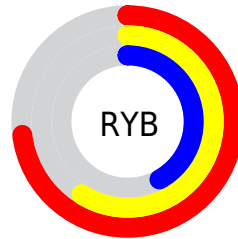
Distribution



Red (73%)

Green (53%)

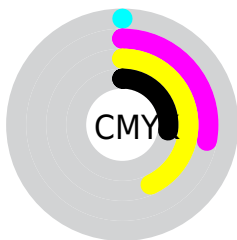
Blue (42%)



Red (73%)

Yellow (59%)

Blue (42%)

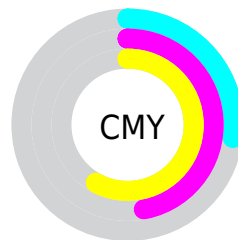


Cyan (0%)

Magenta (28%)

Yellow (43%)

Black (27%)



Cyan (27%)

Magenta (47%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color BB876B 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 BB876B by changing the saturation by 10% instead.

 BB876B

 BB876B

FFFFFF

 9F6E53

 F5BC9F

 84553B

 FFD8BA

 693E25

 FFF5D5

 4F2710

 FFFFF2

 361200

 200000

 000000

 BB876B

 BB876B

 BB7B58

 BB937E

 BB6F46

 BB9F90

 BB6333

 BBABA3

 BB5620

 BBB8B6

 BB4A0D

 BBC4C9

 BB4100

 BBD0DB

 BBDCEE

 BBE8FF

 BBF4FF

Harmonies

Analogous

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



C4817F



BB876B



A88F61

Triad

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



BB876B



55A08D



908EC0

Complementary

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



BB876B



6B9FBB

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.



6A96C4



BB876B



41A0A6

Square

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



BB876B



729D75



499DBA



AE85B0

Rectangle

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



BB876B



989562



499DBA



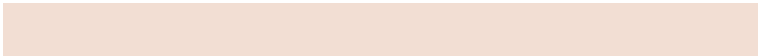
8491C2

Sweetspot

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



BB876B



F2DED3



BB6B9F



7A6E67



FAFAFA



7A7A7A

Same Dimension

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



BB876B



F2A277



BBAF6B



5E5855



9E3700



1F0B00

Inverse Universe

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



6B9FBB



77C7F2



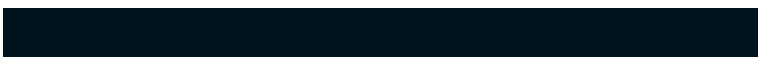
6B77BB



555B5E



00679E



00141F

Previews

White Background



This preview shows how the Hex color BB876B looks on a white background.

Color Contrast Check

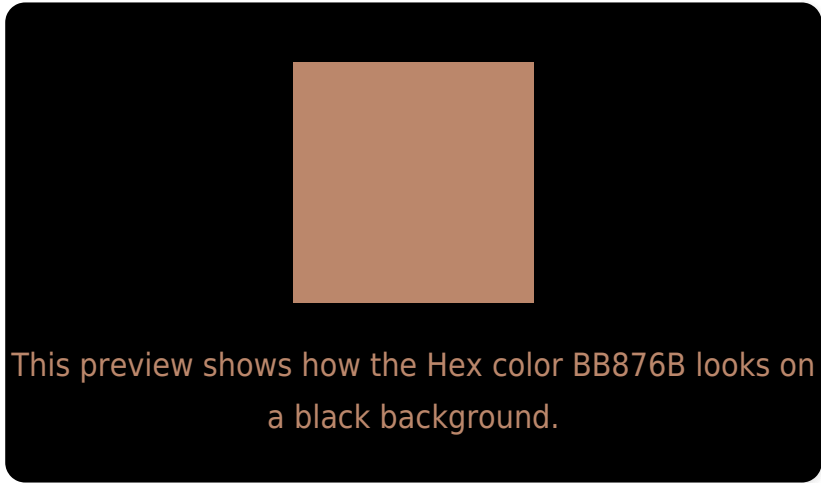
Large Text (above 18pt) WCAG AA ✓ Pass

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

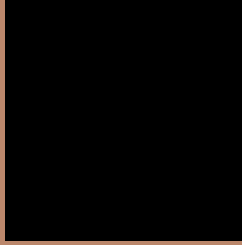
Any Text WCAG AA ✓ Pass

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 BB876B Background



This preview shows how black text looks on a background with the Hex color BB876B.



This preview shows how white text looks on a background with the Hex color BB876B.

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
BB876B

Protanopia
9D9370

Deuteranopia
AE8D6A



Tritanopia
BE828C

Trichromacy



Original Color
BB876B

Protanomaly
A88F6E

Deuteranomaly
B38B6A

Tritanomaly
BD8480

Monochromacy



Original Color
BB876B

Achromatopsia
939393

Achromatomaly
A28F84

CSS Examples

Text

The CSS property to change the color of the text to Hex BB876B 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 #BB876B looks like.

```
.text, #text, p{  
    color:#BB876B  
}
```

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 #BB876B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB876B
}
```

Border

The CSS property to change the border of an element to Hex BB876B 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
#BB876B }
```

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

```
.border{ border-color:#BB876B }
```

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

Here you see how a box with a 4 pixel #BB876B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB876B; -webkit-box-shadow:4px 4px  
4px 4px #BB876B; box-shadow:4px 4px 4px  
4px #BB876B }
```

Background

The CSS property to change the background color of an element to Hex BB876B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB876B }
```

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

```
.background{ background-color:#BB876B }
```

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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