

# Converting Colors

Hex(BB8367)

Have a look what the booklet for  
Hex(BB8367) contains.

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**Color**

**Hex(BB8367)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BB8367
RGB	187, 131, 103
RGB Percent	73%, 51%, 40%
CMY	0.2667, 0.4863, 0.5961
CMYK	0.00, 0.30, 0.45, 0.27
HSL	20°, 38%, 57%
HSV	20°, 45%, 73%
XYZ	31.0580, 27.7767, 16.5565
YIQ	144.5520, 42.3640, 3.1640

# Conversions

## Conversions Part 2

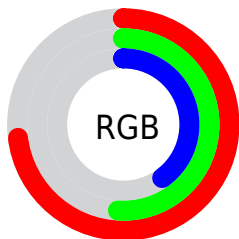
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	187, 145, 103
Decimal	12288871
CIE <sub>Lab</sub>	59.69, 18.15, 23.74
CIE <sub>LCh</sub>	60, 29.889, 52.600
Yxy	27.7767, 0.4120, 0.3684
Android (android.graphics.Color)	4290478951 (0xFFBB8367)
YUV	144.5520, -20.4851, 37.2269
Hunter-Lab	52.7036, 12.9581, 18.2670

# Details

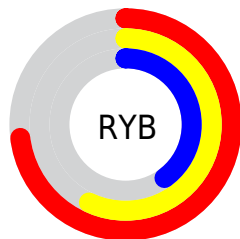
The Hex color **BB8367** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **679FBB**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **F5B89A**, and **835138** is the 20% darker color. If you saturate the color by 10%, you get **BB7754**, and if you desaturate by 10%, it is **BB8F7A**.

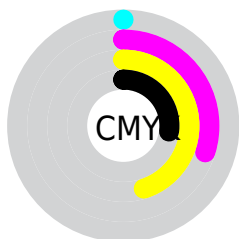
# Distribution



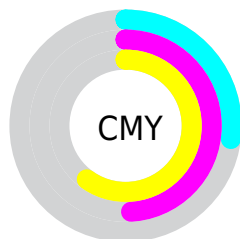
- Red (73%)
- Green (51%)
- Blue (40%)



- Red (73%)
- Yellow (57%)
- Blue (40%)



- Cyan (0%)
- Magenta (30%)
- Yellow (45%)
- Black (27%)



- Cyan (27%)
- Magenta (49%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BB8367 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 BB8367 by changing the saturation by 10% instead.



 BB8367

 BB8367

FFFFFF

 9F6A4F

 F5B89A

 835138

 FFD4B5

 693A22

 FFF0D1

 4E240C

 FFFFED

 350F00

 1E0001

 000000

 BB8367

 BB8367

 BB7754

 BB8F7A

 BB6A42

 BB9C8C

 BB5E2F

 BBA89F

 BB511C

 BBB5B2

 BB450A

 BBC1C4

 BB3E00

 BBCED7

 BBDAEA

 BBE7FD

 BBF3FF

# Harmonies

## Analogous

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



C47D7D



BB8367



A88C5C

# Triad

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



BB8367



4F9E88



8A8BC0

# Complementary

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



BB8367



679FBB

# 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.



6194C3



BB8367



359EA3

# Square

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



BB8367



6F9A6F



3C9BB9



AB82B0

# Rectangle

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



BB8367



97925C



3C9BB9



7D8EC3



# Sweetspot

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



BB8367



F2DDD3



BB679F



7A6D67



FAFAFA



7A7A7A



# Same Dimension

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



BB8367



F29B6F



BBAC67



5E5855



9E3500



1F0A00



# Inverse Universe

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



679FBB



6FC7F2



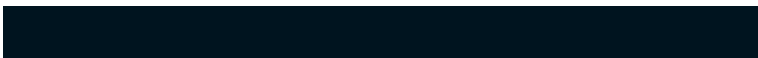
6775BB



555B5E



00699E



00141F



# Previews

## White Background



This preview shows how the Hex color BB8367 looks on a white background.

## Color Contrast Check

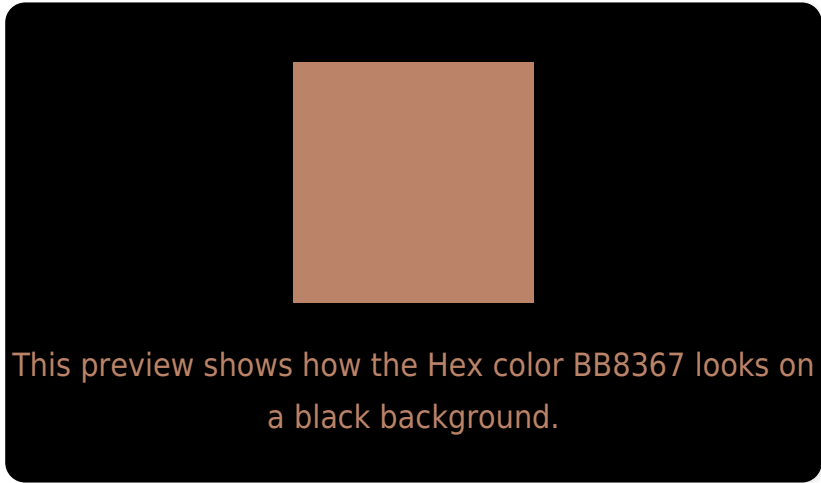
Large Text (above 18pt) WCAG AA ✓ Pass

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 BB8367 Background



This preview shows how black text looks on a background with the Hex color BB8367.

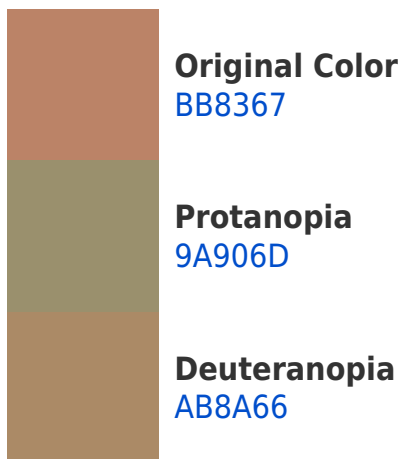


This preview shows how white text looks on a background with the Hex color BB8367.

# 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





**Tritanopia**  
BE7E88

# Trichromacy



**Original Color**  
BB8367

**Protanomaly**  
A68B6B

**Deuteranomaly**  
B18766

**Tritanomaly**  
BD807C

# Monochromacy



**Original Color**  
BB8367

**Achromatopsia**  
919191

**Achromatomaly**  
A08C82

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BB8367 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 #BB8367 looks like.

```
.text, #text, p{  
    color:#BB8367  
}
```

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 #BB8367 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB8367
}
```

## Border

The CSS property to change the border of an element to Hex BB8367 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
#BB8367 }
```

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

```
.border{ border-color:#BB8367 }
```

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

Here you see how a box with a 4 pixel #BB8367 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB8367; -webkit-box-shadow:4px 4px  
4px 4px #BB8367; box-shadow:4px 4px 4px  
4px #BB8367 }
```

# Background

The CSS property to change the background color of an element to Hex BB8367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB8367 }
```

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

```
.background{ background-color:#BB8367 }
```

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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