

Converting Colors

Hex(BA8867)

Have a look what the booklet for
Hex(BA8867) contains.

Hex(BA8867)	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(BA8867)

Conversions

Conversions Part 1

Format	Color
Hex	BA8867
RGB	186, 136, 103
RGB Percent	73%, 53%, 40%
CMY	0.2706, 0.4667, 0.5961
CMYK	0.00, 0.27, 0.45, 0.27
HSL	24°, 38%, 57%
HSV	24°, 45%, 73%
XYZ	31.5020, 29.0267, 16.7743
YIQ	147.1880, 40.3930, 0.3370

Conversions

Conversions Part 2

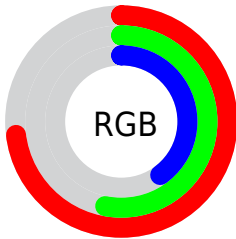
Format	Color
R_{YB}	186, 158, 103
Decimal	12224615
CIE _{Lab}	60.81, 14.96, 25.21
CIE _{LCh}	61, 29.315, 59.303
Yxy	29.0267, 0.4075, 0.3755
Android (android.graphics.Color)	4290414695 (0xFFBA8867)
YUV	147.1880, -21.7847, 34.0381
Hunter-Lab	53.8764, 10.0868, 19.2537

Details

The Hex color **BA8867** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **6799BA**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **F4BD9A**, and **835637** is the 20% darker color. If you saturate the color by 10%, you get **BA7D54**, and if you desaturate by 10%, it is **BA937A**.

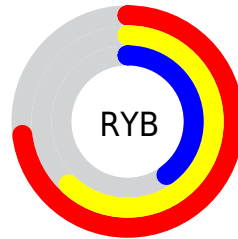
Distribution



Red (73%)

Green (53%)

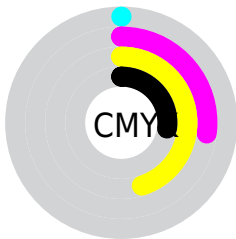
Blue (40%)



Red (73%)

Yellow (62%)

Blue (40%)

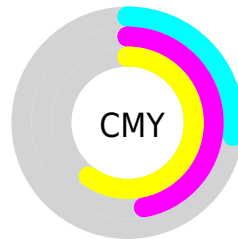


Cyan (0%)

Magenta (27%)

Yellow (45%)

Black (27%)



Cyan (27%)

Magenta (47%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color BA8867 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 BA8867 by changing the saturation by 10% instead.

 BA8867

 BA8867

FFFFFF

 9E6F4F

 F4BD9A

 835637

 FFD9B5

 683F21

 FFF6D1

 4E280C

 FFFFED

 351400

 1E0000

 000000

 BA8867

 BA8867

 BA7D54

 BA937A

 BA7242

 BA9E8C

 BA662F

 BAAA9F

 BA5B1D

 BAB5B1

 BA500A

 BAC0C4

 BA4A00

 BACBD7

 BAD6E9

 BAE2FC

 BAEDFF

Harmonies

Analogous

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



C5817B



BA8867



A5915F

Triad

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



BA8867



4DA191



958CC0

Complementary

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



BA8867



6799BA

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.



6F95C6



BA8867



3AA0AB

Square

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



BA8867



6C9E77



499CBE



B384AD

Rectangle

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



BA8867



939661



499CBE



898FC3

Sweetspot

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



BA8867



F2DFD3



BA679A



7A6F67



FAFAFA



7A7A7A

Same Dimension

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



BA8867



F2A36F



BAB067



5C5653



9C3E00



1C0B00

Inverse Universe

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



6799BA



6FBEF2



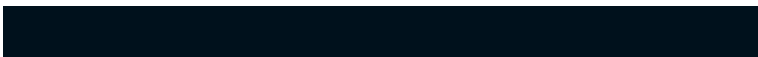
6771BA



53585C



005E9C



00111C

Previews

White Background



This preview shows how the Hex color BA8867 looks on a white background.

Color Contrast Check

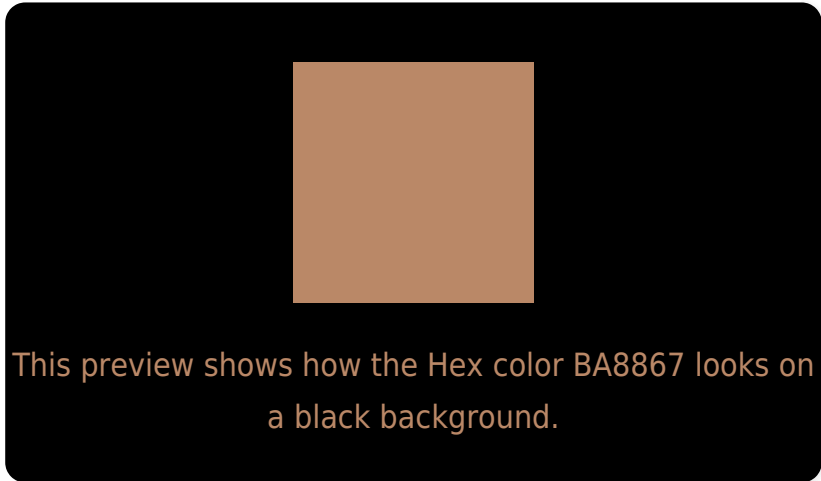
Large Text (above 18pt) WCAG AA ✓ Pass

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

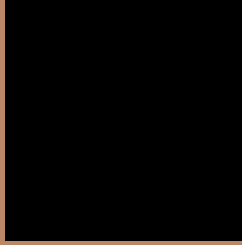
Any Text WCAG AA ✓ Pass

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 BA8867 Background



This preview shows how black text looks on a background with the Hex color BA8867.



This preview shows how white text looks on a background with the Hex color BA8867.

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
BA8867

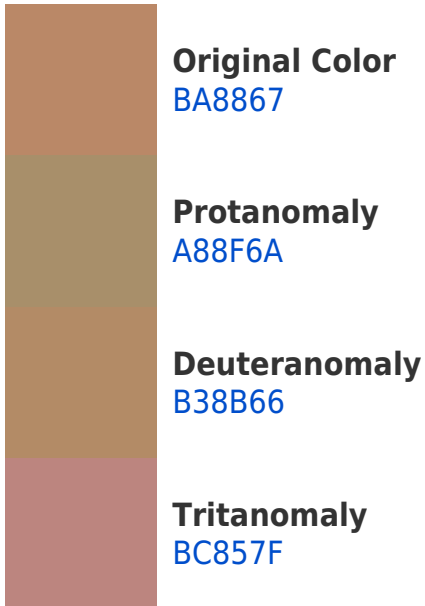
Protanopia
9E936C

Deuteranopia
AF8D66

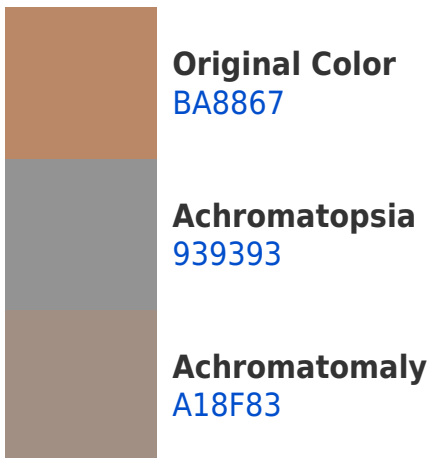


Tritanopia
BD838D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BA8867 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 #BA8867 looks like.

```
.text, #text, p{  
    color:#BA8867  
}
```

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 #BA8867 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BA8867
}
```

Border

The CSS property to change the border of an element to Hex BA8867 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
#BA8867 }
```

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

```
.border{ border-color:#BA8867 }
```

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

Here you see how a box with a 4 pixel #BA8867 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BA8867; -webkit-box-shadow:4px 4px  
4px 4px #BA8867; box-shadow:4px 4px 4px  
4px #BA8867 }
```

Background

The CSS property to change the background color of an element to Hex BA8867 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BA8867 }
```

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

```
.background{ background-color:#BA8867 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor