

Converting Colors

Hex(BB9247)

Have a look what the booklet for
Hex(BB9247) contains.

Hex(BB9247)	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(BB9247)

Conversions

Conversions Part 1

Format	Color
Hex	BB9247
RGB	187, 146, 71
RGB Percent	73%, 57%, 28%
CMY	0.2667, 0.4275, 0.7216
CMYK	0.00, 0.22, 0.62, 0.27
HSL	39°, 46%, 51%
HSV	39°, 62%, 73%
XYZ	31.9097, 31.5775, 10.3745
YIQ	149.7090, 48.5110, -14.6330

Conversions

Conversions Part 2

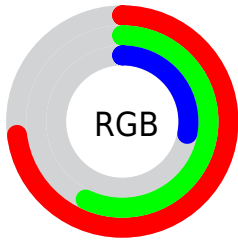
Format	Color
RYB	134, 187, 71
Decimal	12292679
CIELab	62.99, 7.02, 44.85
CIElCh	63, 45.392, 81.097
Yxy	31.5775, 0.4320, 0.4275
Android (android.graphics.Color)	4290482759 (0xFFBB9247)
YUV	149.7090, -38.8035, 32.7042
Hunter-Lab	56.1939, 3.0221, 28.3896

Details

The Hex color **BB9247** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **4770BB**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **F6C87A**, and **826014** is the 20% darker color. If you saturate the color by 10%, you get **BB8B34**, and if you desaturate by 10%, it is **BB995A**.

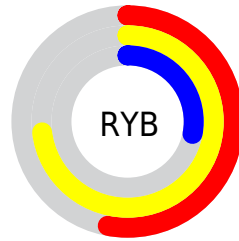
Distribution



Red (73%)

Green (57%)

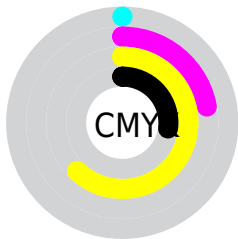
Blue (28%)



Red (53%)

Yellow (73%)

Blue (28%)

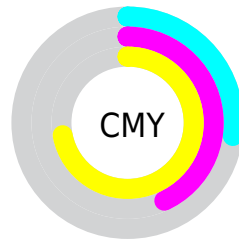


Cyan (0%)

Magenta (22%)

Yellow (62%)

Black (27%)



Cyan (27%)

Magenta (43%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color BB9247 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 BB9247 by changing the saturation by 10% instead.



BB9247



BB9247

FFFFFF



9E782E



F6C87A



826014



FFE494



674800



FFFFB0



4D3200



FFFFCB



331D00



FFFFE8



1B0500



000000



BB9247



BB9247



BB8B34



BB995A

 BB8522

 BB9F6C

 BB7E0F

 BBA67F

 BB7900

 BBAC92

 BBB3A5

 BBBAB7

 BBC0CA

 BBC7DD

 BBCDEF

Harmonies

Analogous

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



D7835B



BB9247



949F4A

Triad

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



BB9247



00ADB4



BF83CC

Complementary

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



BB9247



4770BB

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.



8893E4



BB9247



00A9D6

Square

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



BB9247



10AC8B



2CA0E8



DD78A6

Rectangle

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



BB9247



76A559



2CA0E8



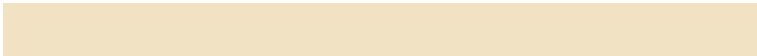
AF88D5

Sweetspot

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



BB9247



F2E2C4



BB4772



7A705E



FAFAFA



7A7A7A

Same Dimension

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



BB9247



F2B33F



ACBB47



5E5B55



9E6600



1F1400

Inverse Universe

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



4770BB



3F7EF2



5647BB



55585E



00389E



000B1F

Previews

White Background



This preview shows how the Hex color BB9247 looks on a white background.

Color Contrast Check

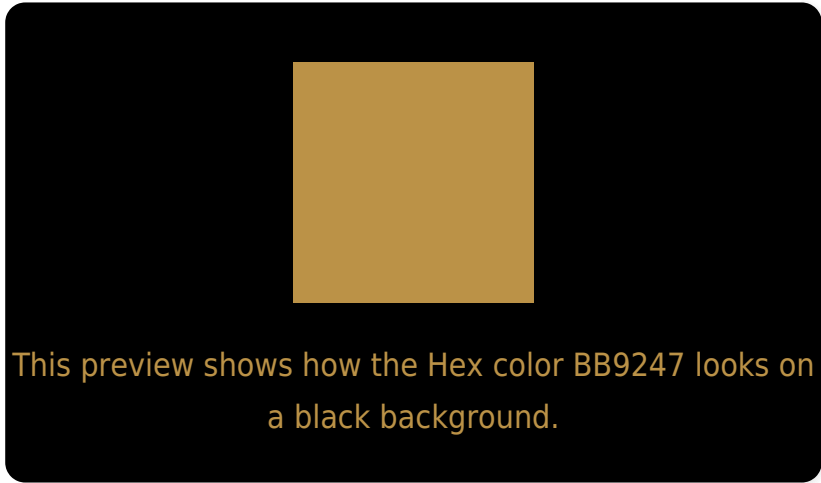
Large Text (above 18pt) WCAG AA × Fail

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 BB9247 Background



This preview shows how black text looks on a background with the Hex color BB9247.



This preview shows how white text looks on a background with the Hex color BB9247.

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
BB9247

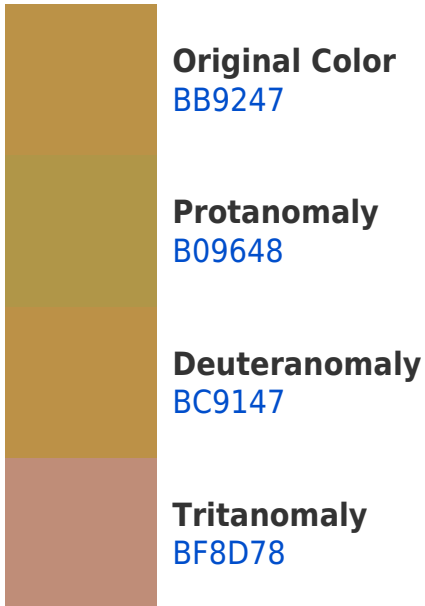
Protanopia
A99949

Deuteranopia
BD9147

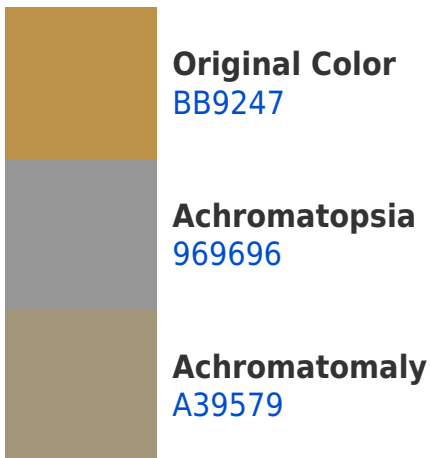


Tritanopia
C18A94

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BB9247 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 #BB9247 looks like.

```
.text, #text, p{  
    color:#BB9247  
}
```

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 #BB9247 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB9247
}
```

Border

The CSS property to change the border of an element to Hex BB9247 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
#BB9247 }
```

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

```
.border{ border-color:#BB9247 }
```

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

Here you see how a box with a 4 pixel #BB9247 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB9247; -webkit-box-shadow:4px 4px  
4px 4px #BB9247; box-shadow:4px 4px 4px  
4px #BB9247 }
```

Background

The CSS property to change the background color of an element to Hex BB9247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB9247 }
```

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

```
.background{ background-color:#BB9247 }
```

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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