

Converting Colors

Hex(BB9E5A)

Have a look what the booklet for
Hex(BB9E5A) contains.

Hex(BB9E5A)	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(BB9E5A)

Conversions

Conversions Part 1

Format	Color
Hex	BB9E5A
RGB	187, 158, 90
RGB Percent	73%, 62%, 35%
CMY	0.2667, 0.3804, 0.6471
CMYK	0.00, 0.16, 0.52, 0.27
HSL	42°, 42%, 54%
HSV	42°, 52%, 73%
XYZ	34.5658, 35.7567, 14.7528
YIQ	158.9190, 39.1120, -15.0000

Conversions

Conversions Part 2

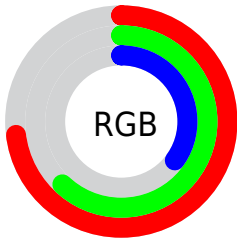
Format	Color
RYB	131, 187, 90
Decimal	12295770
CIELab	66.33, 2.01, 39.23
CIELCh	66, 39.283, 87.070
Yxy	35.7567, 0.4063, 0.4203
Android (android.graphics.Color)	4290485850 (0xFFBB9E5A)
YUV	158.9190, -33.9771, 24.6270
Hunter-Lab	59.7969, -1.4620, 27.2301

Details

The Hex color **BB9E5A** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **5A77BB**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **F5D48D**, and **836B29** is the 20% darker color. If you saturate the color by 10%, you get **BB9847**, and if you desaturate by 10%, it is **BBA46D**.

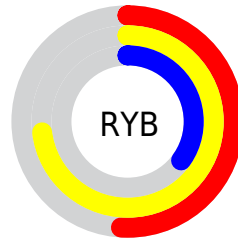
Distribution



Red (73%)

Green (62%)

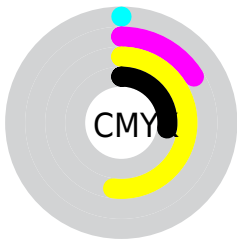
Blue (35%)



Red (51%)

Yellow (73%)

Blue (35%)

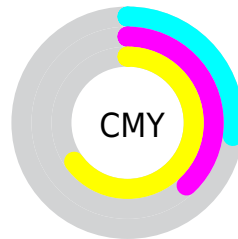


Cyan (0%)

Magenta (16%)

Yellow (52%)

Black (27%)



Cyan (27%)

Magenta (38%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color BB9E5A 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 BB9E5A by changing the saturation by 10% instead.



BB9E5A



BB9E5A

FFFFFF



9F8441



F5D48D



836B29



FFF1A8



695310



FFFFC4



4F3C00



FFFFE0



362600

FFFFFFD



1D1200



000000



BB9E5A



BB9E5A



BB9847



BBA46D

 BB9335

 BBA97F

 BB8D22

 BBAF92

 BB880F

 BBB4A5

 BB8300

 BBBAB8

 BBC0CA

 BBC5DD

 BBCBF0

 BBD0FF

Harmonies

Analogous

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



D69267



BB9E5A



97A961

Triad

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



BB9E5A



00B3C0



CA8DC8

Complementary

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



BB9E5A



5A77BB

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.



A099E0



BB9E5A



04AFDC

Square

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



BB9E5A



38B49C



65A6E7



E186A6

Rectangle

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



BB9E5A



7CAE70



65A6E7



BE91D2

Sweetspot

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



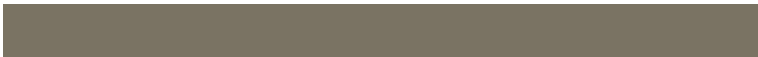
BB9E5A



F2E7CB



BB5A77



7A7363



FAFAFA



7A7A7A

Same Dimension

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



BB9E5A



F2C55C



A8BB5A



5E5C55



9E6F00



1F1500

Inverse Universe

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



5A77BB



5C89F2



6D5ABB



55585E



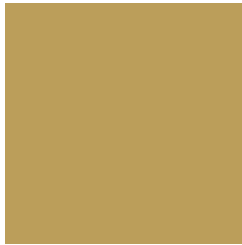
002F9E



00091F

Previews

White Background



This preview shows how the Hex color BB9E5A looks on a white background.

Color Contrast Check

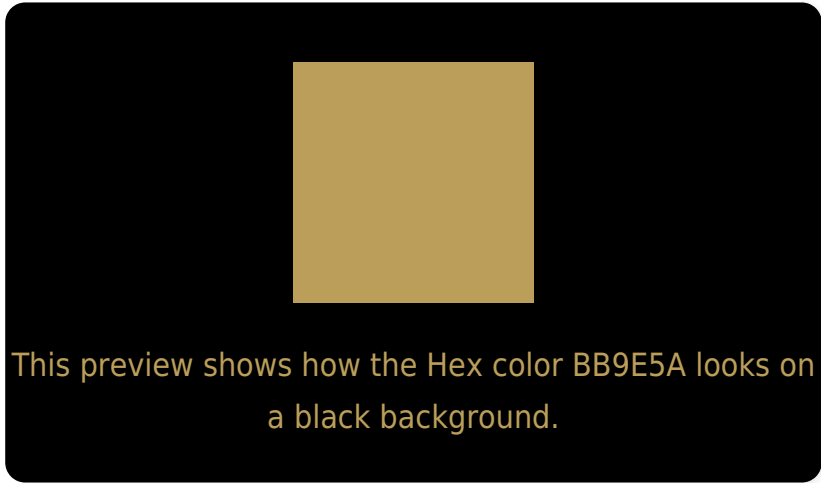
Large Text (above 18pt) WCAG AA × Fail

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 BB9E5A Background



This preview shows how black text looks on a background with the Hex color BB9E5A.



This preview shows how white text looks on a background with the Hex color BB9E5A.

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
BB9E5A

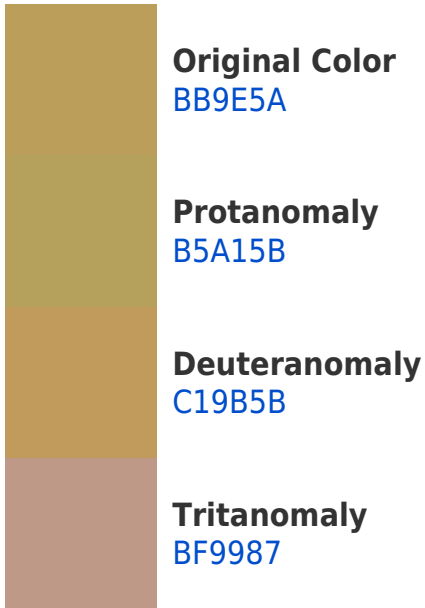
Protanopia
B1A25B

Deuteranopia
C59A5B

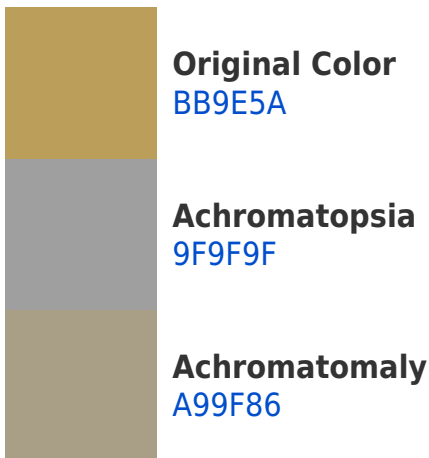


Tritanopia
C296A1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BB9E5A 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 #BB9E5A looks like.

```
.text, #text, p{  
    color:#BB9E5A  
}
```

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 #BB9E5A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB9E5A
}
```

Border

The CSS property to change the border of an element to Hex BB9E5A 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
#BB9E5A }
```

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

```
.border{ border-color:#BB9E5A }
```

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

Here you see how a box with a 4 pixel #BB9E5A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB9E5A; -webkit-box-shadow:4px 4px  
4px 4px #BB9E5A; box-shadow:4px 4px 4px  
4px #BB9E5A }
```

Background

The CSS property to change the background color of an element to Hex BB9E5A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB9E5A }
```

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

```
.background{ background-color:#BB9E5A }
```

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