

Converting Colors

Hex(BBAA71)

Have a look what the booklet for
Hex(BBAA71) contains.

Hex(BBAA71)	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(BBAA71)

Conversions

Conversions Part 1

Format	Color
Hex	BBAA71
RGB	187, 170, 113
RGB Percent	73%, 67%, 44%
CMY	0.2667, 0.3333, 0.5569
CMYK	0.00, 0.09, 0.40, 0.27
HSL	46°, 35%, 59%
HSV	46°, 40%, 73%
XYZ	37.8489, 40.5065, 21.4465
YIQ	168.5850, 28.4290, -14.1230

Conversions

Conversions Part 2

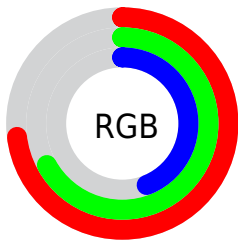
Format	Color
RYB	135, 187, 113
Decimal	12298865
CIELab	69.83, -2.10, 31.61
CIELCh	70, 31.684, 93.797
Yxy	40.5065, 0.3792, 0.4059
Android (android.graphics.Color)	4290488945 (0xFFBBAA71)
YUV	168.5850, -27.4034, 16.1500
Hunter-Lab	63.6447, -5.2261, 24.5722

Details

The Hex color **BBA71** is a light color, and the websafe version is hex **999966**. A complement of this color would be **7182BB**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **F4E1A5**, and **847640** is the 20% darker color. If you saturate the color by 10%, you get **BBA65E**, and if you desaturate by 10%, it is **BBAE84**.

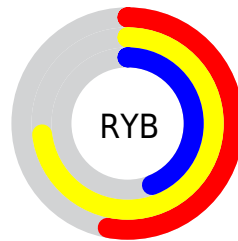
Distribution



Red (73%)

Green (67%)

Blue (44%)



Red (53%)

Yellow (73%)

Blue (44%)

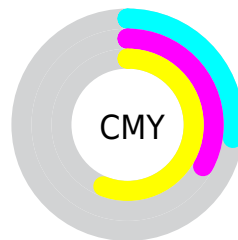


Cyan (0%)

Magenta (9%)

Yellow (40%)

Black (27%)



Cyan (27%)

Magenta (33%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color BBAA71 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 BBAA71 by changing the saturation by 10% instead.

 BBAA71

 BBAA71

FFFFFF

 9F9058

 F4E1A5

 847640

 FFFE1A


 6A5D29

 FFFFDD

 514612

 FFFFFA

 393000

 211B00

 000000

 BBAA71

 BBAA71

 BBA65E

 BBAE84

 BBA14C

 BBB396

 BB9D39

 BBB7A9

 BB9926

 BBBBBC

 BB9514

 BBBFCE

 BB9001

 BBC4E1

 BB9000

 BBC8F4

 BBCCFF

 BBD1FF

Harmonies

Analogous

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



D4A078



BBA071



9CB27A

Triad

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



BBA71



4AB9CA



D299C5

Complementary

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



BBA71



7182BB

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.



B3A2DA



BBAA71



60B4DD

Square

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



BBA71



5ABAAD



8AAE4



E295A8

Rectangle

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



BBA71



86B788



8AACE4



CA9CCD

Sweetspot

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



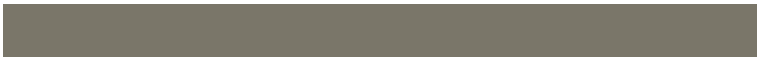
BBA71



F2ECD5



BB7182



7A7669



FAFAFA



7A7A7A

Same Dimension

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



BBA71



F2D880



A7BB71



5E5C55



9E7A00



1F1800

Inverse Universe

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



7182BB



809BF2



8571BB



55575E



00249E



00071F

Previews

White Background



This preview shows how the Hex color BBAA71 looks on a white background.

Color Contrast Check

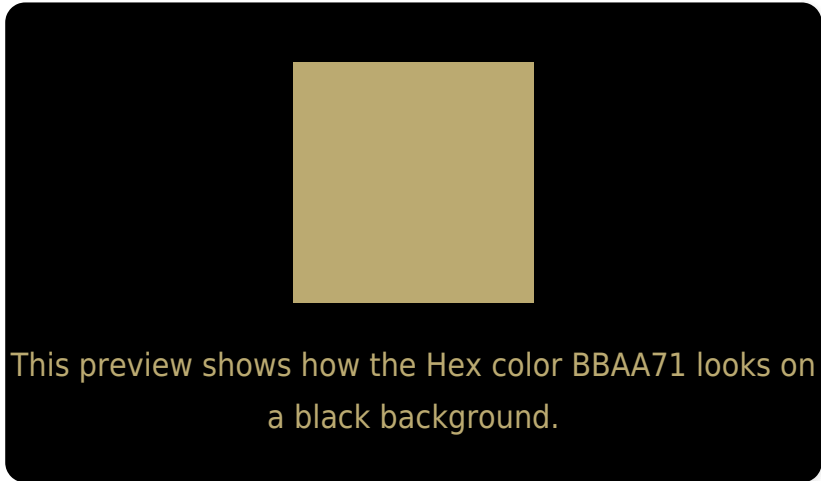
Large Text (above 18pt) WCAG AA × Fail

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

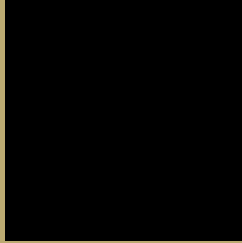
Any Text WCAG AA ✓ Pass

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 BBAA71 Background



This preview shows how black text looks on a background with the Hex color BBAA71.



This preview shows how white text looks on a background with the Hex color BBAA71.

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
BBAA71

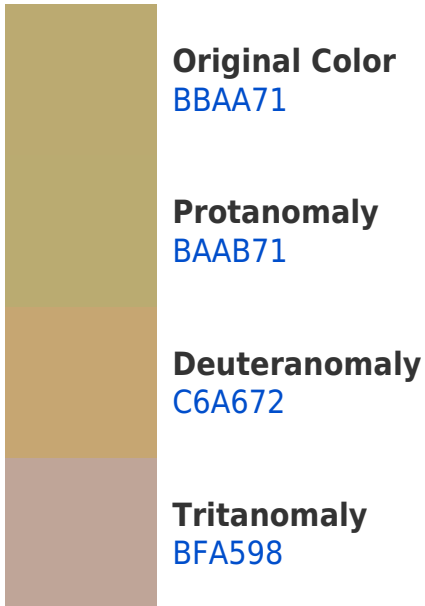
Protanopia
B9AB71

Deuteranopia
CCA372

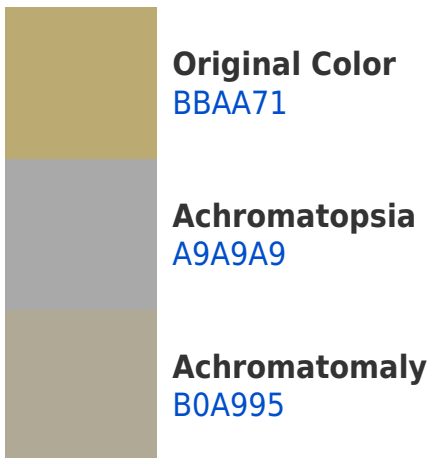


Tritanopia
C2A2AF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BBAA71 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 #BBAA71 looks like.

```
.text, #text, p{  
    color:#BBAA71  
}
```

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 #BBAA71 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BBAA71
}
```

Border

The CSS property to change the border of an element to Hex BBAA71 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
#BBAA71 }
```

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

```
.border{ border-color:#BBAA71 }
```

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

Here you see how a box with a 4 pixel #BBAA71 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BBAA71; -webkit-box-shadow:4px 4px  
4px 4px #BBAA71; box-shadow:4px 4px 4px  
4px #BBAA71 }
```

Background

The CSS property to change the background color of an element to Hex BBAA71 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BBAA71 }
```

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

```
.background{ background-color:#BBAA71 }
```

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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