

Converting Colors

Hex(BBAA74)

Have a look what the booklet for
Hex(BBAA74) contains.

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Color

Hex(BBAA74)

Conversions

Conversions Part 1

Format	Color
Hex	BBAA74
RGB	187, 170, 116
RGB Percent	73%, 67%, 45%
CMY	0.2667, 0.3333, 0.5451
CMYK	0.00, 0.09, 0.38, 0.27
HSL	46°, 34%, 59%
HSV	46°, 38%, 73%
XYZ	38.0206, 40.5752, 22.3509
YIQ	168.9270, 27.4660, -13.1900

Conversions

Conversions Part 2

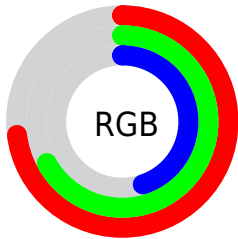
Format	Color
RYB	138, 187, 116
Decimal	12298868
CIELab	69.88, -1.75, 30.08
CIELCh	70, 30.135, 93.332
Yxy	40.5752, 0.3766, 0.4019
Android (android.graphics.Color)	4290488948 (0xFFBBAA74)
YUV	168.9270, -26.0930, 15.8500
Hunter-Lab	63.6987, -4.9291, 23.7851

Details

The Hex color **BBA74** is a light color, and the websafe version is hex **999966**. A complement of this color would be **7485BB**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **F4E1A9**, and **857643** is the 20% darker color. If you saturate the color by 10%, you get **BBA661**, and if you desaturate by 10%, it is **BBAE87**.

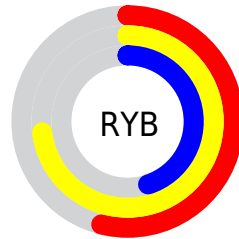
Distribution



Red (73%)

Green (67%)

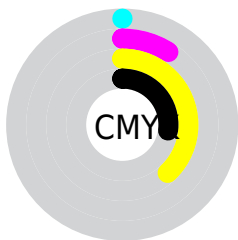
Blue (45%)



Red (54%)

Yellow (73%)

Blue (45%)

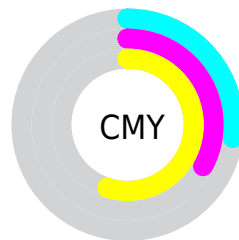


Cyan (0%)

Magenta (9%)

Yellow (38%)

Black (27%)



Cyan (27%)

Magenta (33%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color BBAA74 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 BBAA74 by changing the saturation by 10% instead.



BBAA74



BBAA74

FFFFFF



9F905B



F4E1A9



857643



FFFE04



6A5D2C



FFFEE0



514615

FFFFFFD



393000



211B00



000000



BBAA74



BBAA74



BBA661



BBAE87

 BBA14F

 BBB399

 BB9D3C

 BBB7AC

 BB9829

 BBBCBF

 BB9417

 BBC0D2

 BB8F04

 BBC5E4

 BB8E00

 BBC9F7

 BBCEFF

 BBD2FF

Harmonies

Analogous

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



D2A17B



BBAA74



9EB27C

Triad

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



BBA74



52B9C8



D09AC4

Complementary

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



BBA74



7485BB

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.



B3A3D8



BBAA74



65B4DB

Square

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



BBA74



60BAAD



8BACE1



E096A9

Rectangle

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



BBA74



88B689



8BACE1



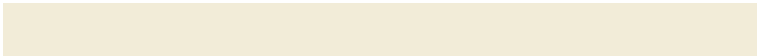
C89DCC

Sweetspot

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



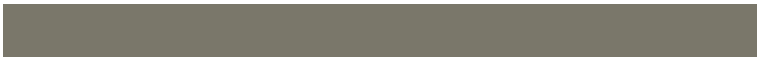
BBA74



F2ECD8



BB7486



7A776A



FAFAFA



7A7A7A

Same Dimension

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



BBA74



F2D883



A9BB74



5E5C55



9E7800



1F1700

Inverse Universe

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



7485BB



839DF2



8674BB



55575E



00269E



00071F

Previews

White Background



This preview shows how the Hex color BBAA74 looks on a white background.

Color Contrast Check

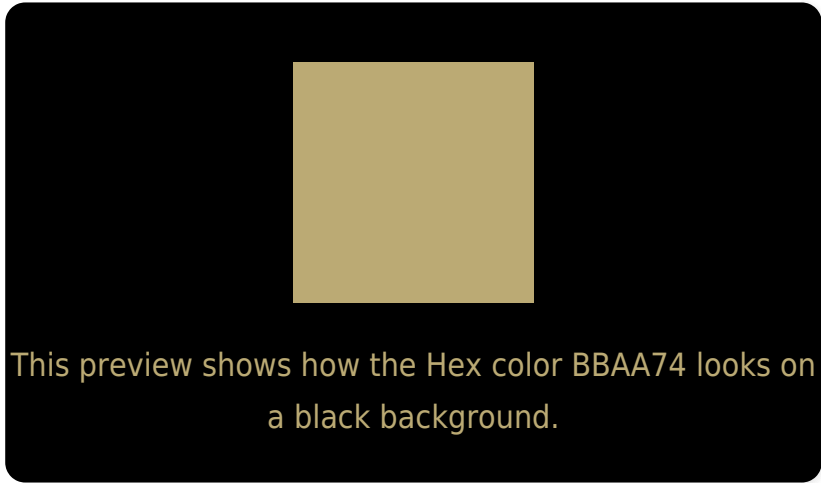
Large Text (above 18pt) WCAG AA × Fail

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

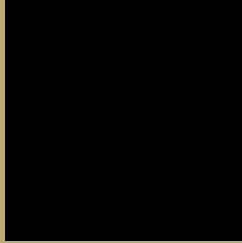
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

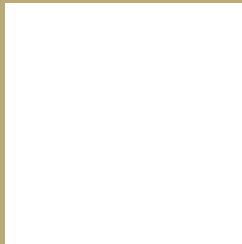
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex BBAA74 Background



This preview shows how black text looks on a background with the Hex color BBAA74.

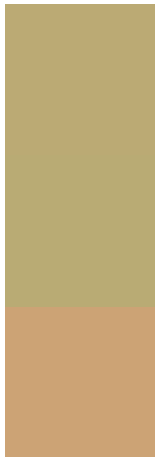


This preview shows how white text looks on a background with the Hex color BBAA74.

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
BBAA74

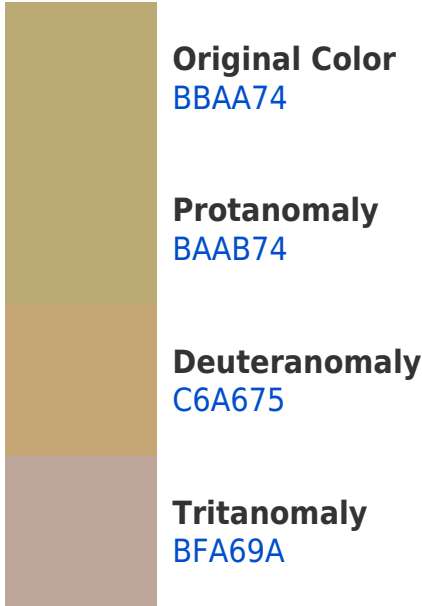
Protanopia
B9AB74

Deuteranopia
CCA375

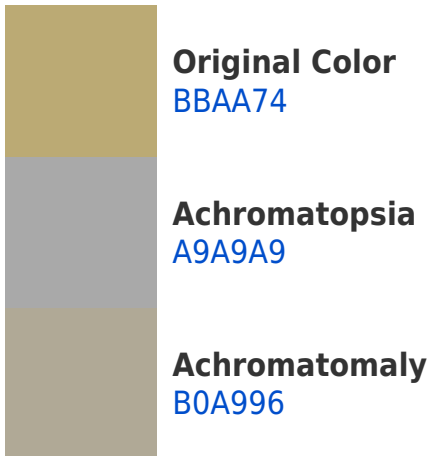


Tritanopia
C1A3AF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BBAA74 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 #BBAA74 looks like.

```
.text, #text, p{  
    color:#BBAA74  
}
```

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 #BBAA74 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BBAA74
}
```

Border

The CSS property to change the border of an element to Hex BBAA74 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
#BBAA74 }
```

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

```
.border{ border-color:#BBAA74 }
```

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

Here you see how a box with a 4 pixel #BBAA74 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BBAA74; -webkit-box-shadow:4px 4px  
4px 4px #BBAA74; box-shadow:4px 4px 4px  
4px #BBAA74 }
```

Background

The CSS property to change the background color of an element to Hex BBAA74 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BBAA74 }
```

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

```
.background{ background-color:#BBAA74 }
```

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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