

Converting Colors

Hex(CBAC71)

Have a look what the booklet for
Hex(CBAC71) contains.

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Color

Hex(CBAC71)

Conversions

Conversions Part 1

Format	Color
Hex	CBAC71
RGB	203, 172, 113
RGB Percent	80%, 67%, 44%
CMY	0.2039, 0.3255, 0.5569
CMYK	0.00, 0.15, 0.44, 0.20
HSL	39°, 46%, 62%
HSV	39°, 44%, 80%
XYZ	42.3618, 43.3938, 21.7659
YIQ	174.5430, 37.4150, -11.7770

Conversions

Conversions Part 2

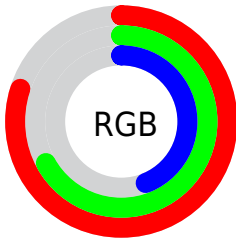
Format	Color
RYB	160, 203, 113
Decimal	13347953
CIELab	71.82, 3.39, 34.47
CIELCh	72, 34.641, 84.388
Yxy	43.3938, 0.3940, 0.4036
Android (android.graphics.Color)	4291538033 (0xFFCBAC71)
YUV	174.5430, -30.3407, 24.9568
Hunter-Lab	65.8740, -0.4910, 26.5213

Details

The Hex color **CBAC71** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **7190CB**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **FFE3A6**, and **937840** is the 20% darker color. If you saturate the color by 10%, you get **CBA55D**, and if you desaturate by 10%, it is **CBB385**.

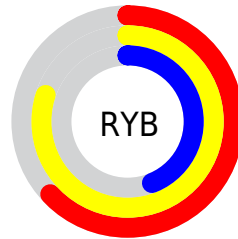
Distribution



Red (80%)

Green (67%)

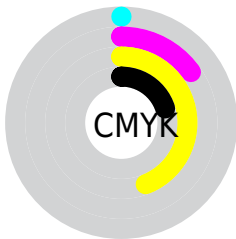
Blue (44%)



Red (63%)

Yellow (80%)

Blue (44%)

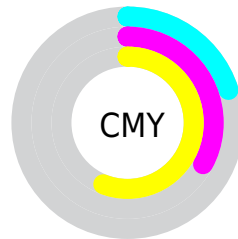


Cyan (0%)

Magenta (15%)

Yellow (44%)

Black (20%)



Cyan (20%)

Magenta (33%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color CBAC71 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 CBAC71 by changing the saturation by 10% instead.

 CBAC71

 CBAC71

FFFFFF

 AF9258

 FFE3A6

 937840

 FFFFC1

 785F28

 FFFFDD

 5E4811

 FFFFFA

 453100

 2C1D00

 110400

 000000

 CBAC71

 CBAC71

 CBA55D

 CBB385

 CB9E48

 CBBA9A

 CB9734

 CBC1AE

 CB9020

 CBC8C2

 CB890B

 CBCFD7

 CB8500

 CBD6EB

 CBDDFF

 CBE4FF

 CBEBFF

Harmonies

Analogous

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



E3A17E



CBAC71



ABB676

Triad

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



CBAC71



41C1C9



D29FD5

Complementary

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



CBAC71



7190CB

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.



ACAAE9



CBAC71



4DBDE2

Square

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



CBAC71



60C1A9



7BB5EE



E998B7

Rectangle

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



CBAC71



93BB82



7BB5EE



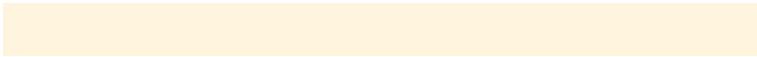
C7A2DD

Sweetspot

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



CBAC71



FFF4DE



CB7190



80786B



000000



808080

Same Dimension

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



CBAC71



FFD078



BECB71



66625C



A66D00



261900

Inverse Universe

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



7190CB



78A6FF



7F71CB



5C5F66



0039A6



000D26

Previews

White Background



This preview shows how the Hex color CBAC71 looks on a white background.

Color Contrast Check

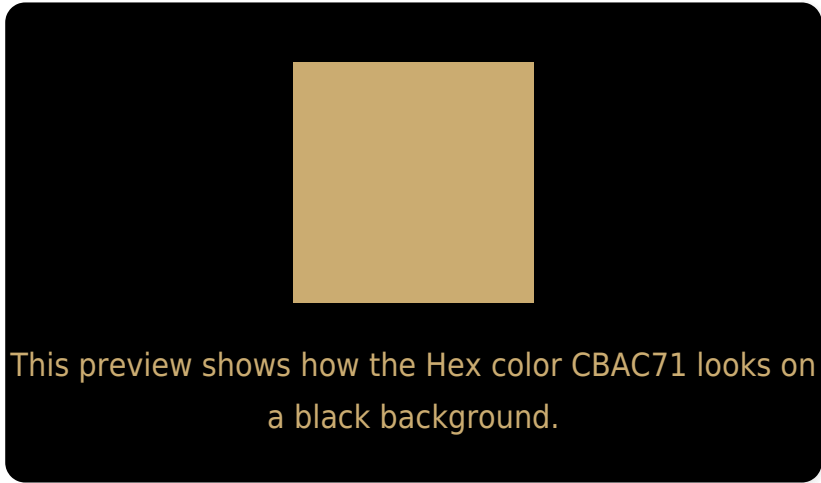
Large Text (above 18pt) WCAG AA × Fail

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

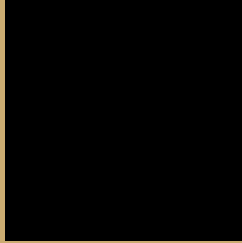
Any Text WCAG AA ✓ Pass

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 CBAC71 Background



This preview shows how black text looks on a background with the Hex color CBAC71.

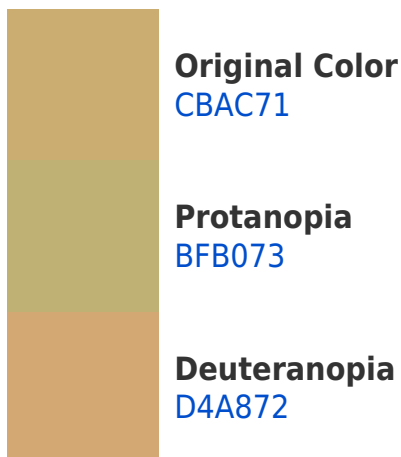


This preview shows how white text looks on a background with the Hex color CBAC71.

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](#).

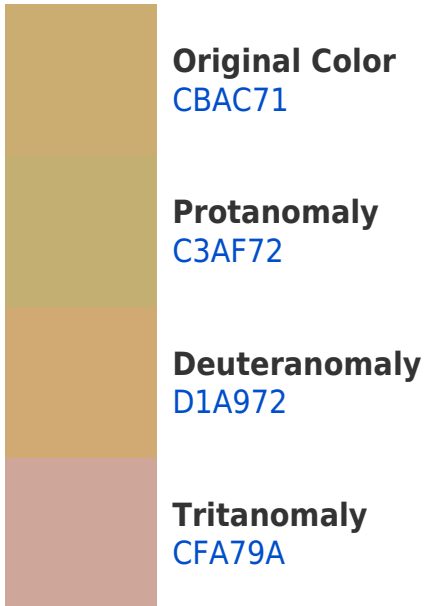
Dichromacy



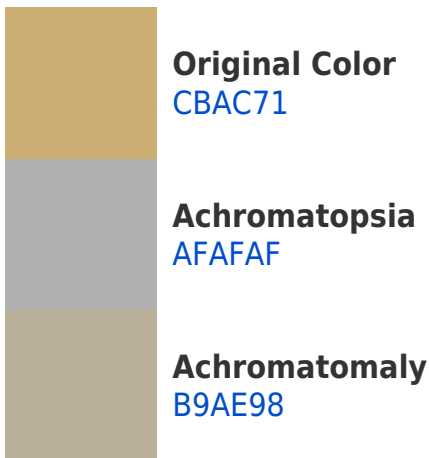


Tritanopia
D1A4B1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CBAC71 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 #CBAC71 looks like.

```
.text, #text, p{  
    color:#CBAC71  
}
```

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 #CBAC71 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CBAC71  
}
```

Border

The CSS property to change the border of an element to Hex CBAC71 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  
#CBAC71 }
```

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

```
.border{ border-color:#CBAC71 }
```

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

Here you see how a box with a 4 pixel #CBAC71 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CBAC71; -webkit-box-shadow:4px 4px  
4px 4px #CBAC71; box-shadow:4px 4px 4px  
4px #CBAC71 }
```

Background

The CSS property to change the background color of an element to Hex CBAC71 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CBAC71 }
```

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

```
.background{ background-color:#CBAC71 }
```

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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