

Converting Colors

Hex(CBB970)

Have a look what the booklet for
Hex(CBB970) contains.

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Color

Hex(CBB970)

Conversions

Conversions Part 1

Format	Color
Hex	CBB970
RGB	203, 185, 112
RGB Percent	80%, 73%, 44%
CMY	0.2039, 0.2745, 0.5608
CMYK	0.00, 0.09, 0.45, 0.20
HSL	48°, 47%, 62%
HSV	48°, 45%, 80%
XYZ	44.9022, 48.5643, 22.3365
YIQ	182.0600, 34.1610, -18.8870

Conversions

Conversions Part 2

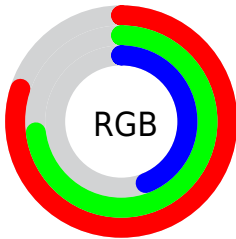
Format	Color
RYB	134, 203, 112
Decimal	13351280
CIELab	75.18, -3.60, 39.25
CIELCh	75, 39.416, 95.240
Yxy	48.5643, 0.3877, 0.4194
Android (android.graphics.Color)	4291541360 (0xFFCBB970)
YUV	182.0600, -34.5396, 18.3644
Hunter-Lab	69.6881, -6.9410, 29.7780

Details

The Hex color **CBB970** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **7082CB**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **FFF1A5**, and **93843E** is the 20% darker color. If you saturate the color by 10%, you get **CBB55C**, and if you desaturate by 10%, it is **CBBD84**.

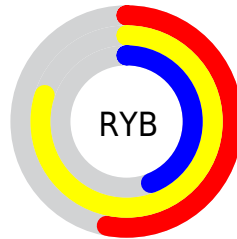
Distribution



Red (80%)

Green (73%)

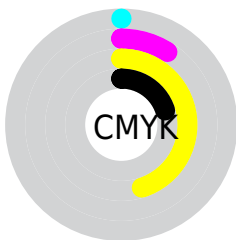
Blue (44%)



Red (53%)

Yellow (80%)

Blue (44%)

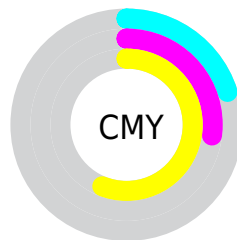


Cyan (0%)

Magenta (9%)

Yellow (45%)

Black (20%)



Cyan (20%)

Magenta (27%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color CBB970 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 CBB970 by changing the saturation by 10% instead.

 CBB970

 CBB970

FFFFFF

 AF9E57

 FFF1A5

 93843E

 FFFFC0

 786B26

 FFFFDD

 5E530C

 FFFFF9

 453C00

 2C2700

 121300

 000000

 CBB970

 CBB970

 CBB55C

 CBBD84

 CBB147

 CBC199

 CBAD33

 CBC5AD

 CBA91F

 CBC9C1

 CBA50B

 CBCDD6

 CBA300

 CBD1EA

 CBD5FE

 CBD9FF

 CBDDFE

Harmonies

Analogous

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



EAAC78



CBB970



A4C37D

Triad

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



CBB970



21CBE2



ECA2D8

Complementary

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



CBB970



7082CB

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.



C6ADF4



CBB970



50C5FA

Square

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



CBB970



47CDBE



8FBBFF



FF9DB4

Rectangle

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



CBB970



87C88F



8FBBFF



E1A5E3

Sweetspot

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



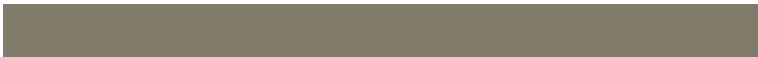
CBB970



FFF8DE



CB7082



807B6B



000000



808080

Same Dimension

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



CBB970



FFE475



B0CB70



66645C



A68500



261F00

Inverse Universe

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



7082CB



7591FF



8B70CB



5C5E66



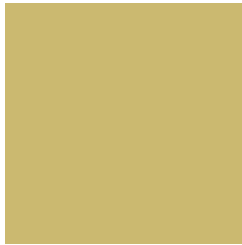
0021A6



000826

Previews

White Background



This preview shows how the Hex color CBB970 looks on a white background.

Color Contrast Check

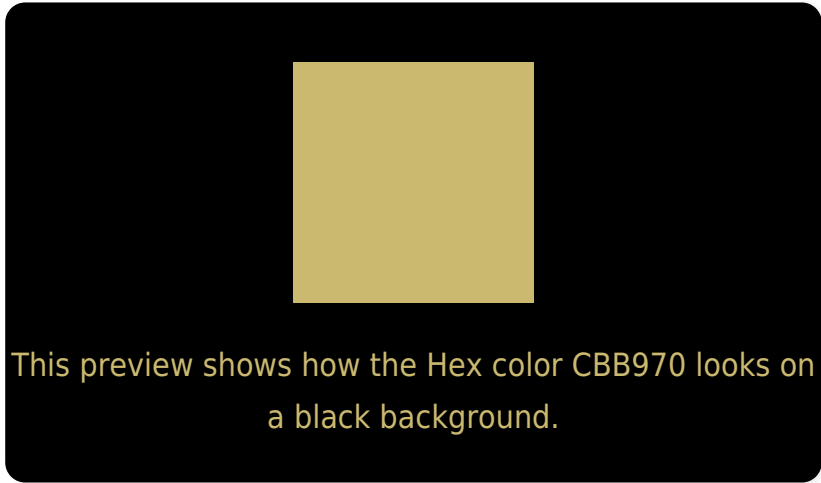
Large Text (above 18pt) WCAG AA × Fail

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

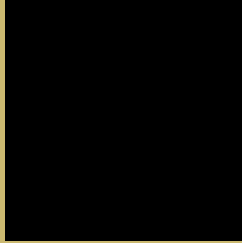
Any Text WCAG AA ✓ Pass

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 CBB970 Background



This preview shows how black text looks on a background with the Hex color CBB970.



This preview shows how white text looks on a background with the Hex color CBB970.

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
CBB970

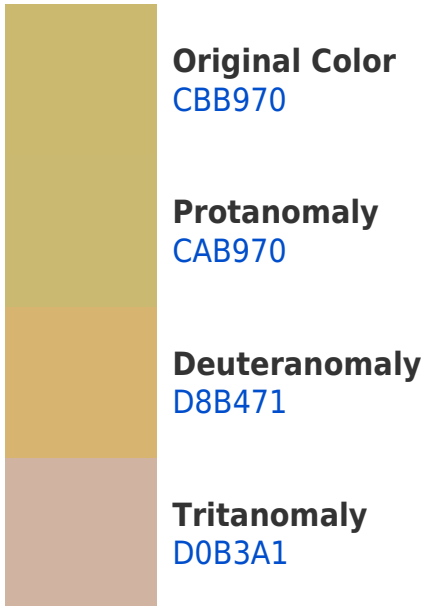
Protanopia
CAB970

Deuteranopia
E0B172

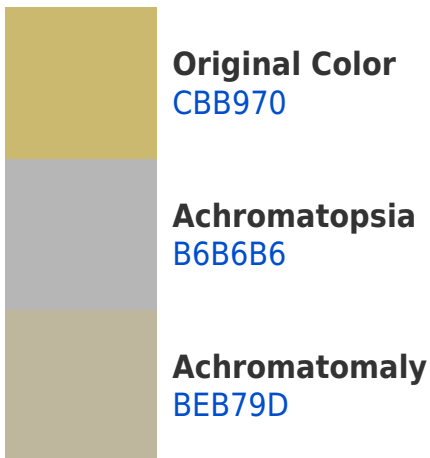


Tritanopia
D3B0BD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CBB970 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 #CBB970 looks like.

```
.text, #text, p{  
    color:#CBB970  
}
```

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 #CBB970 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CBB970
}
```

Border

The CSS property to change the border of an element to Hex CBB970 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
#CBB970 }
```

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

```
.border{ border-color:#CBB970 }
```

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

Here you see how a box with a 4 pixel #CBB970 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CBB970; -webkit-box-shadow:4px 4px  
4px 4px #CBB970; box-shadow:4px 4px 4px  
4px #CBB970 }
```

Background

The CSS property to change the background color of an element to Hex CBB970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CBB970 }
```

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

```
.background{ background-color:#CBB970 }
```

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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