

# Converting Colors

Hex(BCB451)

Have a look what the booklet for  
Hex(BCB451) contains.

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**Color**

**Hex(BCB451)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BCB451
RGB	188, 180, 81
RGB Percent	74%, 71%, 32%
CMY	0.2627, 0.2941, 0.6824
CMYK	0.00, 0.04, 0.57, 0.26
HSL	56°, 44%, 53%
HSV	56°, 57%, 74%
XYZ	38.5455, 43.9280, 14.2320
YIQ	171.1060, 36.5470, -29.0930

# Conversions

## Conversions Part 2

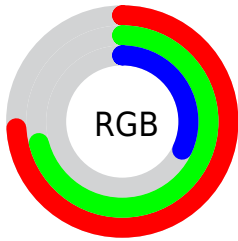
<b>Format</b>	<b>Color</b>
<b>RYB</b>	90, 188, 81
Decimal	12366929
CIELab	72.18, -9.99, 50.54
CIElCh	72, 51.513, 101.183
Yxy	43.9280, 0.3986, 0.4542
Android (android.graphics.Color)	4290557009 (0xFFBCB451)
YUV	171.1060, -44.4223, 14.8160
Hunter-Lab	66.2782, -12.1763, 33.6633

# Details

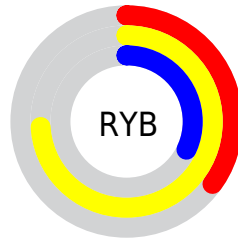
The Hex color **BCB451** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **5159BC**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **F6EC86**, and **847F1C** is the 20% darker color. If you saturate the color by 10%, you get **BCB33E**, and if you desaturate by 10%, it is **BCB564**.

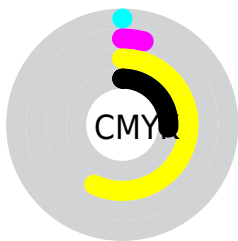
# Distribution



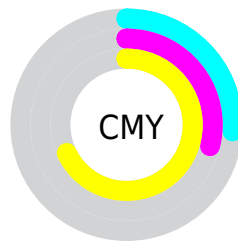
- Red (74%)
- Green (71%)
- Blue (32%)



- Red (35%)
- Yellow (74%)
- Blue (32%)



- Cyan (0%)
- Magenta (4%)
- Yellow (57%)
- Black (26%)



- Cyan (26%)
- Magenta (29%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BCB451 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 BCB451 by changing the saturation by 10% instead.





BCB451



BCB451

FFFFFF



A09937



F6EC86



847F1C



FFFFA1



696700



FFFFBC



4F4F00



FFFFD9



353800



FFFFF6



1D2300



000E00



000000



BCB451



BCB451

 BCB33E

 BCB564

 BCB12B

 BCB777

 BCB019

 BCB889

 BCAE06

 BCBA9C

 BCAE00

 BCBBAF

 BCBCC2

 BCBED5

 BCBFE7

 BCC1FA

# Harmonies

## Analogous

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



E6A457



BCB451



89C067

# Triad

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



BCB451



00C6EE



F88ED0

# Complementary

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



BCB451



5159BC

# 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.



CC9EF8



BCB451



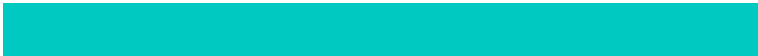
00BEFF

# Square

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



BCB451



00C9C2



82B0FF



FF89A1

# Rectangle

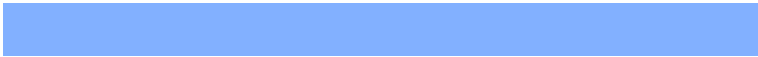
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



BCB451



5EC582



82B0FF



ED92DF

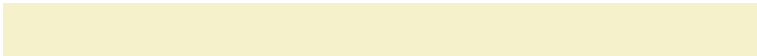


# Sweetspot

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



BCB451



F5F2CB



BC515A



7A7962



F9FAFA



7A7A7A



# Same Dimension

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



BCB451



F5E84E



8FBC51



5E5E55



9E9200



1F1C00



# Inverse Universe

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



5159BC



4E5BF5



7E51BC



55565E



000C9E



00021F



# Previews

## White Background



This preview shows how the Hex color BCB451 looks on a white background.

## Color Contrast Check

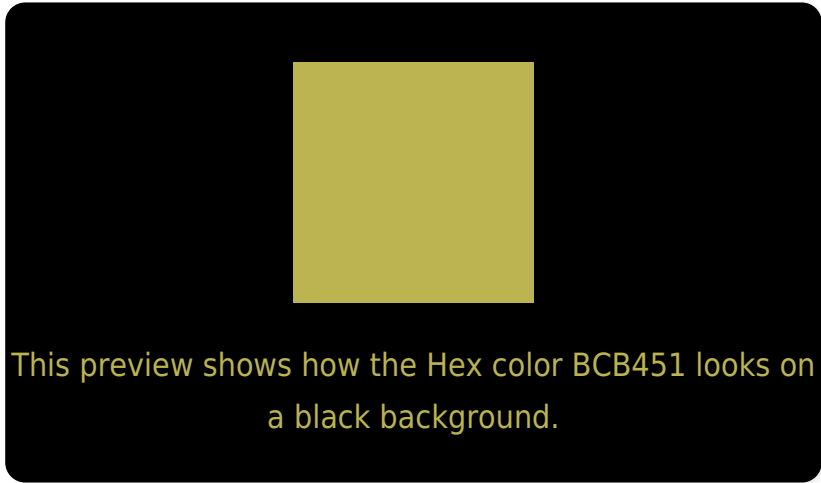
Large Text (above 18pt) WCAG AA × Fail

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 BCB451 Background



This preview shows how black text looks on a background with the Hex color BCB451.

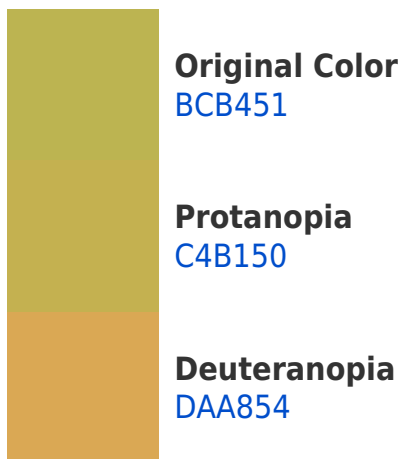


This preview shows how white text looks on a background with the Hex color BCB451.

# 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](#).

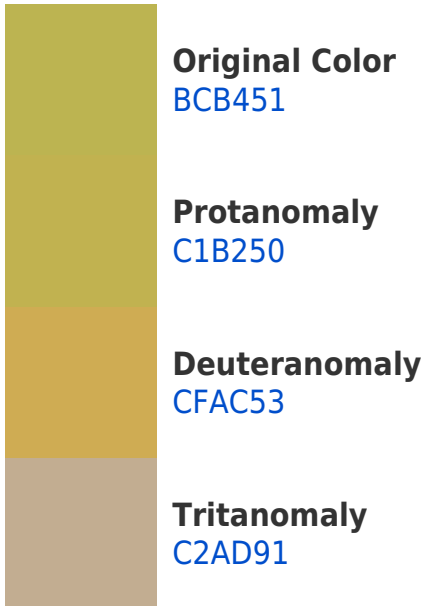
## Dichromacy





**Tritanopia**  
C6A9B6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BCB451 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 #BCB451 looks like.

```
.text, #text, p{  
    color:#BCB451  
}
```

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 #BCB451 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BCB451
}
```

## Border

The CSS property to change the border of an element to Hex BCB451 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
#BCB451 }
```

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

```
.border{ border-color:#BCB451 }
```

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

Here you see how a box with a 4 pixel #BCB451 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BCB451; -webkit-box-shadow:4px 4px  
4px 4px #BCB451; box-shadow:4px 4px 4px  
4px #BCB451 }
```

# Background

The CSS property to change the background color of an element to Hex BCB451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BCB451 }
```

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

```
.background{ background-color:#BCB451 }
```

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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