

# Converting Colors

Hex(BCC931)

Have a look what the booklet for  
Hex(BCC931) contains.

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# **Color**

**Hex(BCC931)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BCC931
RGB	188, 201, 49
RGB Percent	74%, 79%, 19%
CMY	0.2627, 0.2118, 0.8078
CMYK	0.06, 0.00, 0.76, 0.21
HSL	65°, 61%, 49%
HSV	65°, 76%, 79%
XYZ	42.1801, 52.6864, 10.8521
YIQ	179.7850, 41.0440, -50.0280

# Conversions

## Conversions Part 2

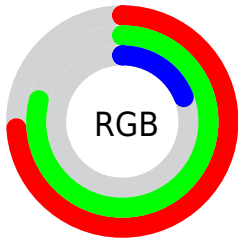
<b>Format</b>	<b>Color</b>
<b>RYB</b>	49, 201, 62
Decimal	12372273
CIELab	77.69, -22.45, 68.80
CIELCh	78, 72.376, 108.073
Yxy	52.6864, 0.3990, 0.4984
Android (android.graphics.Color)	4290562353 (0xFFBCC931)
YUV	179.7850, -64.4770, 7.2046
Hunter-Lab	72.5854, -23.2964, 41.9455

# Details

The Hex color **BCC931** is a dark color, and the websafe version is hex **CCCC33**. The color can be described as middle muted chartreuse. A complement of this color would be **3E31C9**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **F7FF6B**, and **839300** is the 20% darker color. If you saturate the color by 10%, you get **BAC91D**, and if you desaturate by 10%, it is **BEC945**.

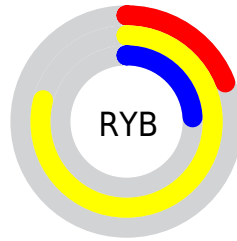
# Distribution



Red (74%)

Green (79%)

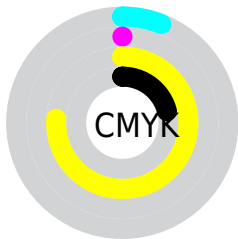
Blue (19%)



Red (19%)

Yellow (79%)

Blue (24%)

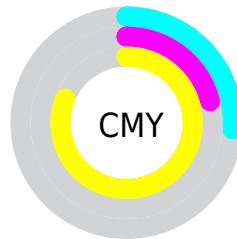


Cyan (6%)

Magenta (0%)

Yellow (76%)

Black (21%)



Cyan (26%)

Magenta (21%)

Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BCC931 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 BCC931 by changing the saturation by 10% instead.



 BCC931

 BCC931

FFFFFF

 9FAE06

 F7FF6B

 839300

 FFFF87

 677900

 FFFFA3

 4C6100

 FFFFFC0

 314900

 FFFD00

 163200

 FFFFA

 001F00

 000000

 BCC931

 BCC931

 BAC91D

 BEC945

 B9C909

 BFC959

 B8C900

 C1C96D

 C3C981

 C5C996

 C6C9AA

 C8C9BE

 CAC9D2

 CBC9E6

# Harmonies

## Analogous

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



F9B331



BCC931



6BD761

# Triad

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



BCC931



00DCFF



FF84DE

# Complementary

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



BCC931



3E31C9

# 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.



F69CFF



BCC931



00CFFF

# Square

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



BCC931



00E0E8



8EB9FF



FF839A

# Rectangle

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



BCC931



00DD8B



8EB9FF



FF8BF4



# Sweetspot

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



BCC931



FAFFC4



C93E31



7C805C



000000



808080



# Same Dimension

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



BCC931



EBFF17



70C931



63635A



95A300



212400



# Inverse Universe

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



3E31C9



2B17FF



8A31C9



5A5A63



0E00A3



030024



# Previews

## White Background



This preview shows how the Hex color BCC931 looks on a white background.

## Color Contrast Check

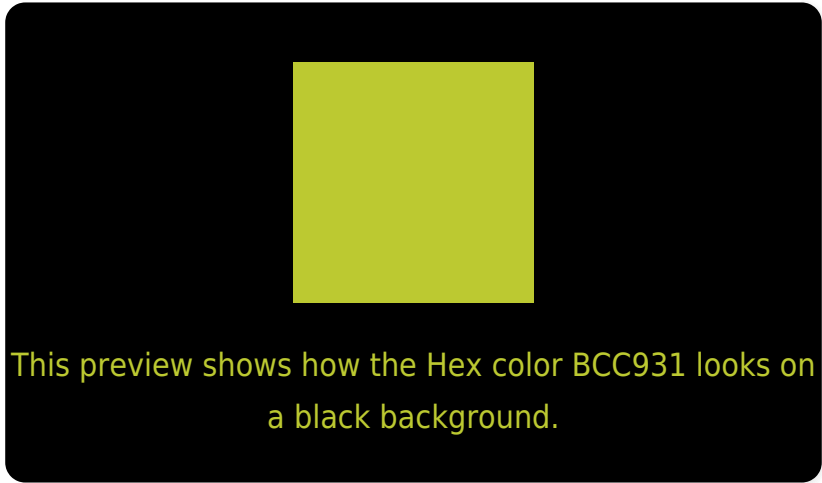
Large Text (above 18pt) WCAG AA × Fail

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 BCC931 Background



This preview shows how black text looks on a background with the Hex color BCC931.

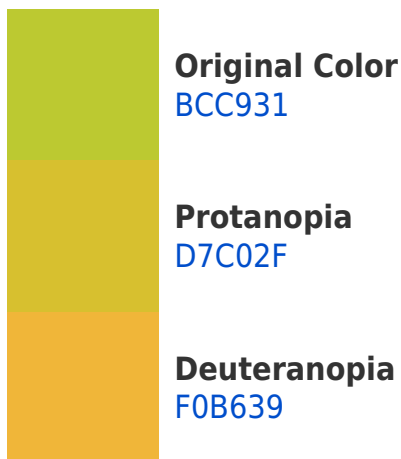


This preview shows how white text looks on a background with the Hex color BCC931.

# Color Blindness Simulation

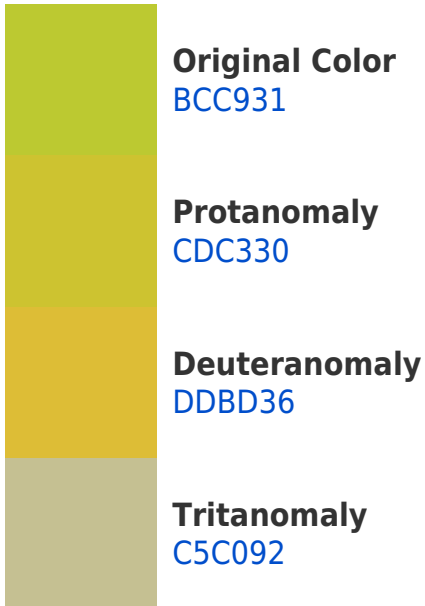
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BCC931 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 #BCC931 looks like.

```
.text, #text, p{  
    color:#BCC931  
}
```

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 #BCC931 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BCC931
}
```

## Border

The CSS property to change the border of an element to Hex BCC931 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
#BCC931 }
```

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

```
.border{ border-color:#BCC931 }
```

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

Here you see how a box with a 4 pixel #BCC931 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BCC931; -webkit-box-shadow:4px 4px  
4px 4px #BCC931; box-shadow:4px 4px 4px  
4px #BCC931 }
```

# Background

The CSS property to change the background color of an element to Hex BCC931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BCC931 }
```

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

```
.background{ background-color:#BCC931 }
```

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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