

Converting Colors

Hex(BCD331)

Have a look what the booklet for
Hex(BCD331) contains.

Hex(BCD331)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(BCD331)

Conversions

Conversions Part 1

Format	Color
Hex	BCD331
RGB	188, 211, 49
RGB Percent	74%, 83%, 19%
CMY	0.2627, 0.1725, 0.8078
CMYK	0.11, 0.00, 0.77, 0.17
HSL	69°, 65%, 51%
HSV	69°, 77%, 83%
XYZ	44.5877, 57.5016, 11.6546
YIQ	185.6550, 38.2940, -55.2580

Conversions

Conversions Part 2

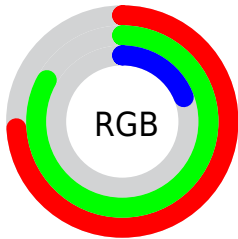
Format	Color
RYB	49, 211, 72
Decimal	12374833
CIELab	80.46, -27.28, 71.35
CIELCh	80, 76.387, 110.921
Yxy	57.5016, 0.3920, 0.5055
Android (android.graphics.Color)	4290564913 (0xFFBCD331)
YUV	185.6550, -67.3709, 2.0566
Hunter-Lab	75.8298, -27.7448, 43.9683

Details

The Hex color **BCD331** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted chartreuse. A complement of this color would be **4831D3**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **F7FF6C**, and **839D00** is the 20% darker color. If you saturate the color by 10%, you get **B9D31C**, and if you desaturate by 10%, it is **BFD346**.

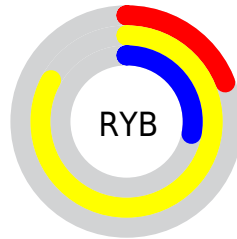
Distribution



Red (74%)

Green (83%)

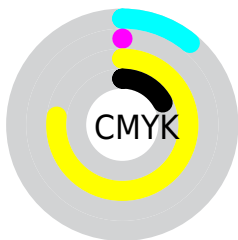
Blue (19%)



Red (19%)

Yellow (83%)

Blue (28%)

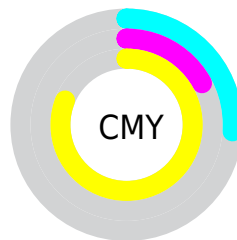


Cyan (11%)

Magenta (0%)

Yellow (77%)

Black (17%)



Cyan (26%)

Magenta (17%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color BCD331 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 BCD331 by changing the saturation by 10% instead.

 BCD331

 BCD331

FFFFFF

 9FB702

 F7FF6C

 839D00

 FFFF89

 678200

 FFFFA5

 4C6900

 FFFF C2


 2F5100

 FFFF DF

 123A00

FFFFFFD

 002400

 000300

 000000

 BCD331

 BCD331

 B9D31C

 BFD346

 B6D307

 C2D35B

 B5D300

 C5D370

 C8D385

 CBD39B

 CED3B0

 D1D3C5

 D4D3DA

 D7D3EF

Harmonies

Analogous

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



FEBD2B



BCD331



61E168

Triad

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



BCD331



00E4FF



FF86E1

Complementary

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



BCD331



4831D3

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.



FF9FFF



BCD331



00D6FF

Square

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



BCD331



00E9F9



9FBEFF



FF8799

Rectangle

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



BCD331



00E796



9FBEFF



FF8CF8

Sweetspot

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



BCD331



F7FFC4



D34731



7A805C



000000



808080

Same Dimension

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



BCD331



DEFF14



6CD331



67695E



90A800



232900

Inverse Universe

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



4831D3



3614FF



9831D3



605E69



1800A8



060029

Previews

White Background



This preview shows how the Hex color BCD331 looks on a white background.

Color Contrast Check

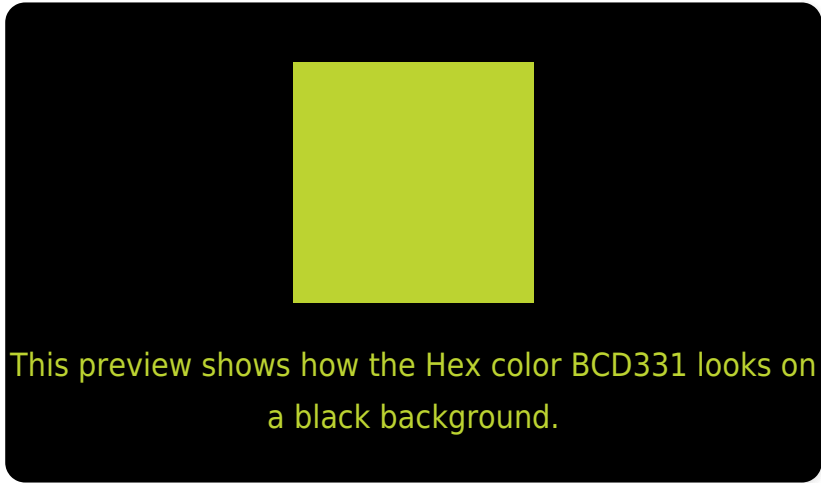
Large Text (above 18pt) WCAG AA × Fail

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 BCD331 Background



This preview shows how black text looks on a background with the Hex color BCD331.

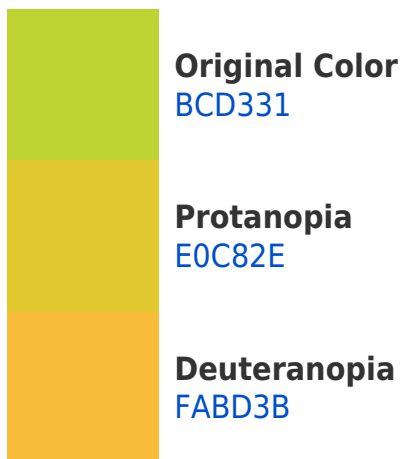


This preview shows how white text looks on a background with the Hex color BCD331.

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



Original Color
BCD331

Protanomaly
D3CC2F

Deuteranomaly
E3C537

Tritanomaly
C6CA99

Monochromacy



Original Color
BCD331

Achromatopsia
BABABA

Achromatomaly
BBC388

CSS Examples

Text

The CSS property to change the color of the text to Hex BCD331 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 #BCD331 looks like.

```
.text, #text, p{  
    color:#BCD331  
}
```

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 #BCD331 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BCD331
}
```

Border

The CSS property to change the border of an element to Hex BCD331 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
#BCD331 }
```

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

```
.border{ border-color:#BCD331 }
```

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

Here you see how a box with a 4 pixel #BCD331 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BCD331; -webkit-box-shadow:4px 4px  
4px 4px #BCD331; box-shadow:4px 4px 4px  
4px #BCD331 }
```

Background

The CSS property to change the background color of an element to Hex BCD331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BCD331 }
```

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

```
.background{ background-color:#BCD331 }
```

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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