

Converting Colors

Hex(BDCC00)

Have a look what the booklet for
Hex(BDCC00) contains.

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Color

Hex(BDCC00)

Conversions

Conversions Part 1

Format	Color
Hex	BDCC00
RGB	189, 204, 0
RGB Percent	74%, 80%, 0%
CMY	0.2588, 0.2000, 1.0000
CMYK	0.07, 0.00, 1.00, 0.20
HSL	64°, 100%, 40%
HSV	64°, 100%, 80%
XYZ	42.5791, 54.0045, 8.1798
YIQ	176.2590, 56.5440, -66.6240

Conversions

Conversions Part 2

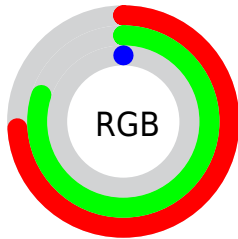
Format	Color
RYB	0, 204, 15
Decimal	12438528
CIELab	78.46, -24.59, 78.48
CIELCh	78, 82.243, 107.400
Yxy	54.0045, 0.4064, 0.5155
Android (android.graphics.Color)	4290628608 (0xFFBDCC00)
YUV	176.2590, -86.8957, 11.1739
Hunter-Lab	73.4878, -25.1800, 44.8420

Details

The Hex color **BDCC00** is a dark color, and the websafe version is hex **CCCC00**. The color can be described as dark washed chartreuse. A complement of this color would be **0F00CC**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **F9FF54**, and **839600** is the 20% darker color. If you saturate the color by 10%, you get **BDCC00**, and if you desaturate by 10%, it is **BFCC14**.

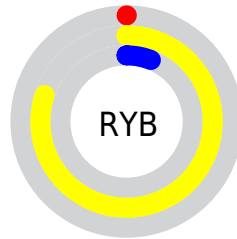
Distribution



Red (74%)

Green (80%)

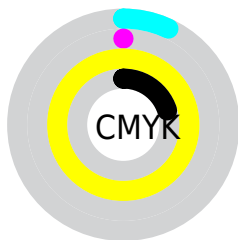
Blue (0%)



Red (0%)

Yellow (80%)

Blue (6%)

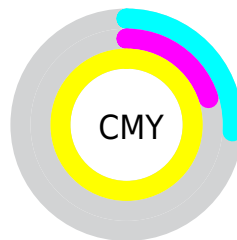


Cyan (7%)

Magenta (0%)

Yellow (100%)

Black (20%)



Cyan (26%)

Magenta (20%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color BDCC00 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 BDCC00 by changing the saturation by 10% instead.

 BDCC00

 BDCC00

FFFFFF

 A0B100

 F9FF54

 839600

 FFFF72

 677C00

 FFFF8F

 4B6300

 FFFFAC

 2F4B00

 FFFFC9

 133500

 FFFFE6

 002000

 000000

 BDCC00

 BFCC14

 C0CC29

 C2CC3D

 C3CC52

 C5CC66

 C6CC7A

 C8CC8F

 C9CCA3

 CBCCB8

Harmonies

Analogous

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



FFB30B



BDCC00



5EDC52

Triad

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



BDCC00



00E1FF



FF7AE6

Complementary

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



BDCC00



0F00CC

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.



FD99FF



BDCC00



00D4FF

Square

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



BDCC00



00E6EE



7BBBFF



FF7799

Rectangle

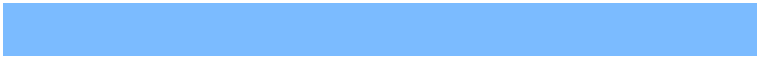
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



BDCC00



00E284



7BBBFF



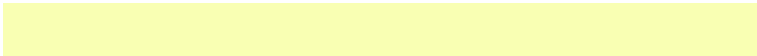
FF82FF

Sweetspot

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



BDCC00



F9FFB3



CC0E00



7C8052



000000



808080

Same Dimension

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



BDCC00



ECFF00



58CC00



65665C



9AA600



232600

Inverse Universe

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



0F00CC



1300FF



7400CC



5D5C66



0C00A6



030026

Previews

White Background



This preview shows how the Hex color BDCC00 looks on a white background.

Color Contrast Check

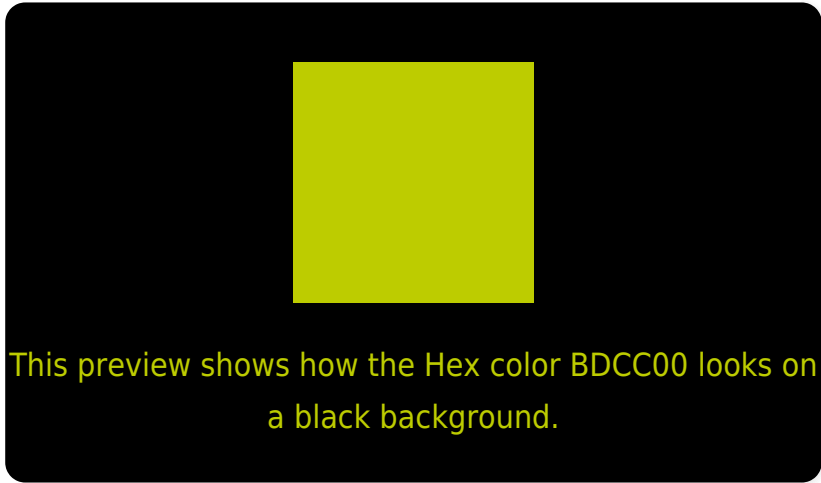
Large Text (above 18pt) WCAG AA × Fail

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 BDCC00 Background



This preview shows how black text looks on a background with the Hex color BDCC00.

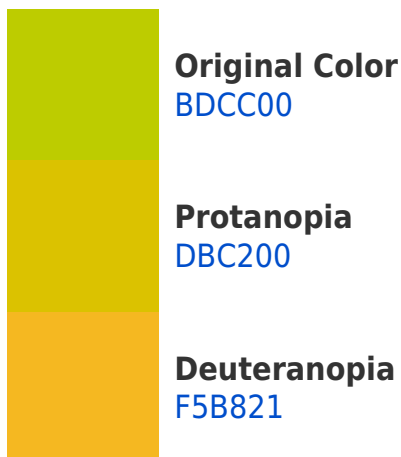


This preview shows how white text looks on a background with the Hex color BDCC00.

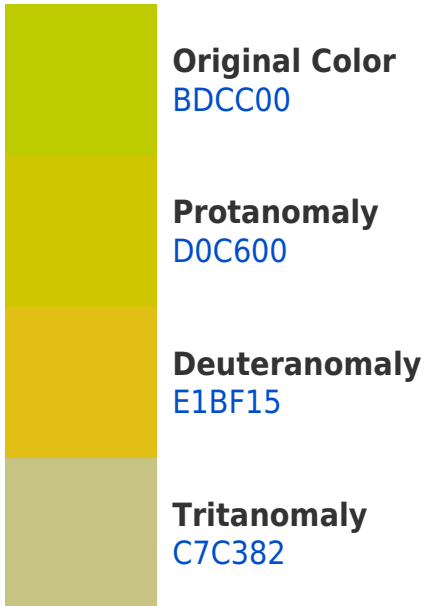
Color Blindness Simulation

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 BDCC00 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 #BDCC00 looks like.

```
.text, #text, p{  
    color:#BDCC00  
}
```

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 #BDCC00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BDCC00
}
```

Border

The CSS property to change the border of an element to Hex BDCC00 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
#BDCC00 }
```

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

```
.border{ border-color:#BDCC00 }
```

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

Here you see how a box with a 4 pixel #BDCC00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BDCC00; -webkit-box-shadow:4px 4px  
4px 4px #BDCC00; box-shadow:4px 4px 4px  
4px #BDCC00 }
```

Background

The CSS property to change the background color of an element to Hex BDCC00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BDCC00 }
```

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

```
.background{ background-color:#BDCC00 }
```

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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