

Converting Colors

Hex(BDD400)

Have a look what the booklet for
Hex(BDD400) contains.

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Color

Hex(BDD400)

Conversions

Conversions Part 1

Format	Color
Hex	BDD400
RGB	189, 212, 0
RGB Percent	74%, 83%, 0%
CMY	0.2588, 0.1686, 1.0000
CMYK	0.11, 0.00, 1.00, 0.17
HSL	67°, 100%, 42%
HSV	67°, 100%, 83%
XYZ	44.5297, 57.9058, 8.8300
YIQ	180.9550, 54.3440, -70.8080

Conversions

Conversions Part 2

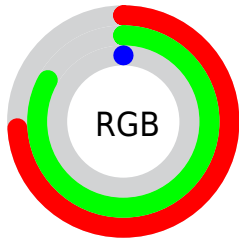
Format	Color
RYB	0, 212, 23
Decimal	12440576
CIELab	80.69, -28.42, 80.13
CIELCh	81, 85.021, 109.525
Yxy	57.9058, 0.4002, 0.5204
Android (android.graphics.Color)	4290630656 (0xFFBDD400)
YUV	180.9550, -89.2108, 7.0555
Hunter-Lab	76.0958, -28.7132, 46.3872

Details

The Hex color **BDD400** is a dark color, and the websafe version is hex **CCCC00**. The color can be described as middle washed chartreuse. A complement of this color would be **1700D4**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **F9FF56**, and **839E00** is the 20% darker color. If you saturate the color by 10%, you get **BDD400**, and if you desaturate by 10%, it is **BFD415**.

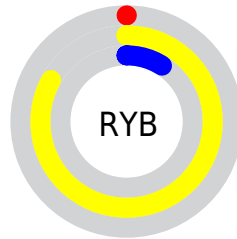
Distribution



Red (74%)

Green (83%)

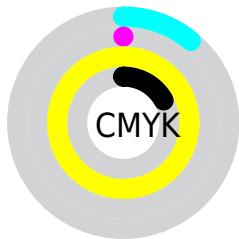
Blue (0%)



Red (0%)

Yellow (83%)

Blue (9%)

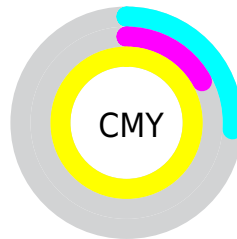


Cyan (11%)

Magenta (0%)

Yellow (100%)

Black (17%)



Cyan (26%)

Magenta (17%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color BDD400 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 BDD400 by changing the saturation by 10% instead.

 BDD400

 BDD400

FFFFFF

 A0B800

 F9FF56

 839E00

 FFFF74

 668300

 FFFF91

 4A6A00

 FFFF9E


 2E5200

 FFFFCB

 103B00

 FFFF99

 002500

 000500

 000000

 BDD400

 BFD415

 C2D42A

 C4D440

 C6D455

 C9D46A

 CBD47F

 CDD494

 CFD4AA

 D2D4BF

Harmonies

Analogous

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



FFBB00



BDD400



55E459

Triad

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



BDD400



00E8FF



FF7BE8

Complementary

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



BDD400



1700D4

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.



FF9BFF



BDD400



00DAFF

Square

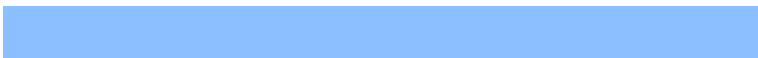
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



BDD400



00EDFB



8CBFFF



FF7B98

Rectangle

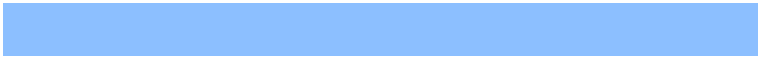
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



BDD400



00E98D



8CBFFF



FF83FF

Sweetspot

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



BDD400



F7FFB3



D41500



7B8052



000000



808080

Same Dimension

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



BDD400



E3FF00



55D400



6A6B60



98AB00



272B00

Inverse Universe

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



1700D4



1C00FF



7F00D4



62606B



1300AB



05002B

Previews

White Background



This preview shows how the Hex color BDD400 looks on a white background.

Color Contrast Check

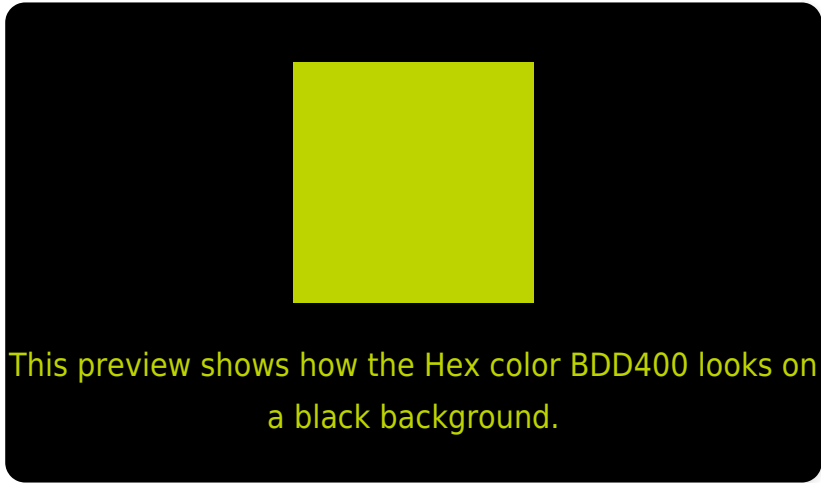
Large Text (above 18pt) WCAG AA × Fail

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 BDD400 Background



This preview shows how black text looks on a background with the Hex color BDD400.

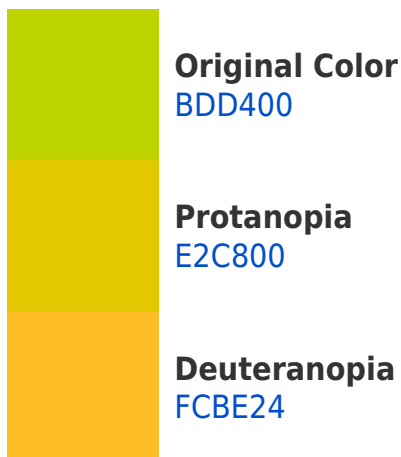


This preview shows how white text looks on a background with the Hex color BDD400.

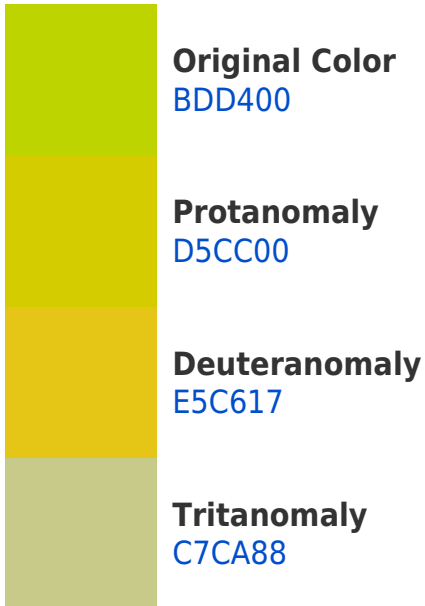
Color Blindness Simulation

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 BDD400 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 #BDD400 looks like.

```
.text, #text, p{  
    color:#BDD400  
}
```

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 #BDD400 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BDD400
}
```

Border

The CSS property to change the border of an element to Hex BDD400 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
#BDD400 }
```

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

```
.border{ border-color:#BDD400 }
```

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

Here you see how a box with a 4 pixel #BDD400 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BDD400; -webkit-box-shadow:4px 4px  
4px 4px #BDD400; box-shadow:4px 4px 4px  
4px #BDD400 }
```

Background

The CSS property to change the background color of an element to Hex BDD400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BDD400 }
```

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

```
.background{ background-color:#BDD400 }
```

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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