

Converting Colors

Hex(B7D300)

Have a look what the booklet for
Hex(B7D300) contains.

Hex(B7D300)	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(B7D300)

Conversions

Conversions Part 1

Format	Color
Hex	B7D300
RGB	183, 211, 0
RGB Percent	72%, 83%, 0%
CMY	0.2824, 0.1725, 1.0000
CMYK	0.13, 0.00, 1.00, 0.17
HSL	68°, 100%, 41%
HSV	68°, 100%, 83%
XYZ	42.8227, 56.6558, 8.6787
YIQ	178.5740, 51.0430, -71.5570

Conversions

Conversions Part 2

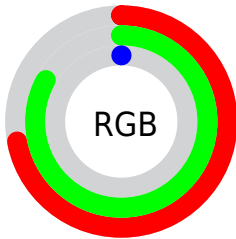
Format	Color
RYB	0, 211, 28
Decimal	12047104
CIELab	79.99, -30.42, 79.42
CIELCh	80, 85.048, 110.960
Yxy	56.6558, 0.3959, 0.5238
Android (android.graphics.Color)	4290237184 (0xFFB7D300)
YUV	178.5740, -88.0370, 3.8816
Hunter-Lab	75.2701, -30.1702, 45.8529

Details

The Hex color **B7D300** is a dark color, and the websafe version is hex **99CC00**. The color can be described as middle washed chartreuse. A complement of this color would be **1C00D3**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **F3FF56**, and **7D9D00** is the 20% darker color. If you saturate the color by 10%, you get **B7D300**, and if you desaturate by 10%, it is **BAD315**.

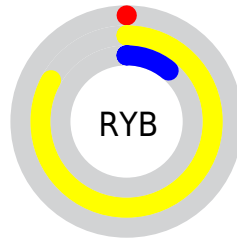
Distribution



Red (72%)

Green (83%)

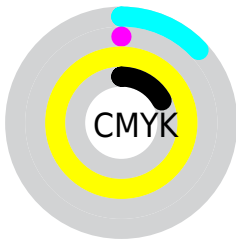
Blue (0%)



Red (0%)

Yellow (83%)

Blue (11%)

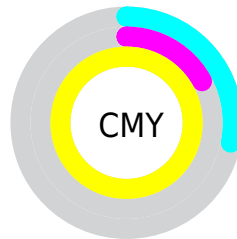


Cyan (13%)

Magenta (0%)

Yellow (100%)

Black (17%)



Cyan (28%)

Magenta (17%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color B7D300 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 B7D300 by changing the saturation by 10% instead.

 B7D300

 B7D300

FFFFFF

 9AB700

 F3FF56

 7D9D00

 FFFF73

 618200

 FFFF90

 446900

 FFFFAD

 275100

 FFFF90

 063A00

 FFFF90

 002500

 000000

 B7D300

 BAD315

 BDD32A

 BFD33F

 C2D354

 C5D36A

 C8D37F

 CBD394

 CDD3A9

 D0D3BE

Harmonies

Analogous

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



FFBA00



B7D300



4BE25B

Triad

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



B7D300



00E6FF



FF78E2

Complementary

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



B7D300



1C00D3

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.



FF97FF



B7D300



00D7FF

Square

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



B7D300



00EBFD



93BCFF



FF7A93

Rectangle

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



B7D300



00E88F



93BCFF



FF80FC

Sweetspot

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



B7D300



F5FFB3



D31900



798052



000000



808080

Same Dimension

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



B7D300



DFFF00



51D300



67695E



92A800



232900

Inverse Universe

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



1C00D3



2200FF



8200D3



5F5E69



1600A8



050029

Previews

White Background



This preview shows how the Hex color B7D300 looks on a white background.

Color Contrast Check

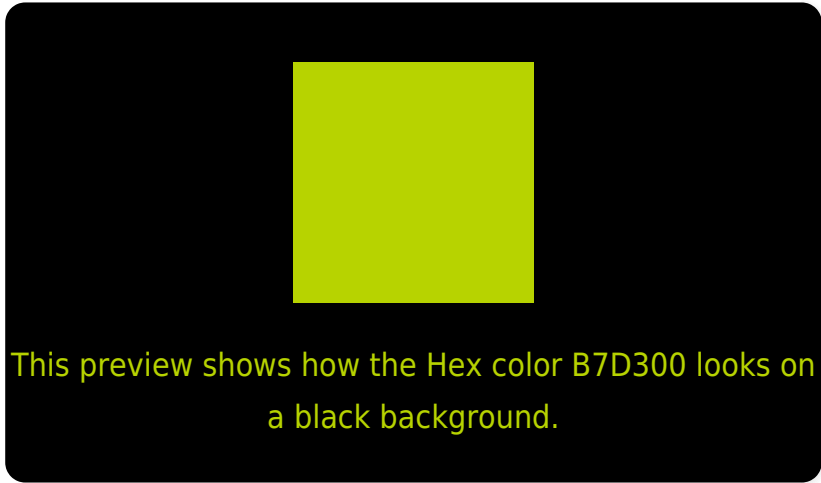
Large Text (above 18pt) WCAG AA × Fail

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 B7D300 Background



This preview shows how black text looks on a background with the Hex color B7D300.

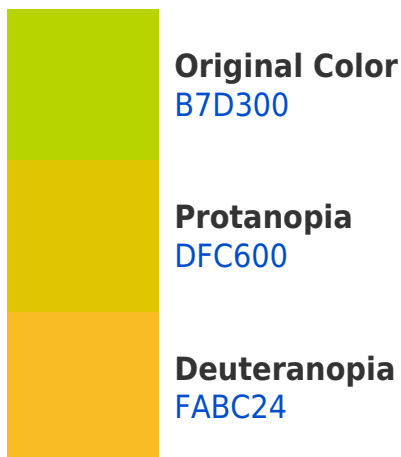


This preview shows how white text looks on a background with the Hex color B7D300.

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](#).

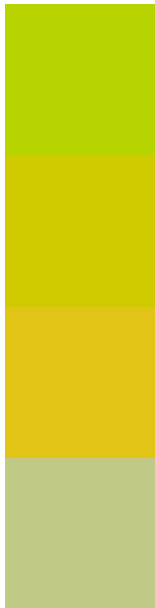
Dichromacy





Tritanopia
C7C4D4

Trichromacy



Original Color
B7D300

Protanomaly
D0CB00

Deuteranomaly
E2C417

Tritanomaly
C1C987

Monochromacy



Original Color
B7D300

Achromatopsia
B3B3B3

Achromatomaly
B4BF72

CSS Examples

Text

The CSS property to change the color of the text to Hex B7D300 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 #B7D300 looks like.

```
.text, #text, p{  
    color:#B7D300  
}
```

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 #B7D300 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7D300
}
```

Border

The CSS property to change the border of an element to Hex B7D300 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
#B7D300 }
```

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

```
.border{ border-color:#B7D300 }
```

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

Here you see how a box with a 4 pixel #B7D300 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7D300; -webkit-box-shadow:4px 4px  
4px 4px #B7D300; box-shadow:4px 4px 4px  
4px #B7D300 }
```

Background

The CSS property to change the background color of an element to Hex B7D300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7D300 }
```

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

```
.background{ background-color:#B7D300 }
```

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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