

Converting Colors

Hex(B0DC2E)

Have a look what the booklet for
Hex(B0DC2E) contains.

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Color

Hex(B0DC2E)

Conversions

Conversions Part 1

Format	Color
Hex	B0DC2E
RGB	176, 220, 46
RGB Percent	69%, 86%, 18%
CMY	0.3098, 0.1373, 0.8196
CMYK	0.20, 0.00, 0.79, 0.14
HSL	75°, 71%, 52%
HSV	75°, 79%, 86%
XYZ	43.9908, 60.6138, 11.9658
YIQ	187.0080, 29.6300, -63.4420

Conversions

Conversions Part 2

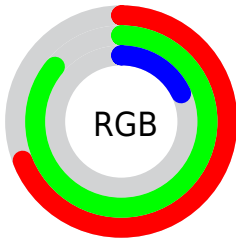
Format	Color
RYB	46, 220, 90
Decimal	11590702
CIELab	82.17, -36.39, 73.46
CIELCh	82, 81.979, 116.350
Yxy	60.6138, 0.3774, 0.5200
Android (android.graphics.Color)	4289780782 (0xFFB0DC2E)
YUV	187.0080, -69.5169, -9.6540
Hunter-Lab	77.8548, -35.3869, 45.3859

Details

The Hex color **B0DC2E** 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 **5A2EDC**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **EBFF6B**, and **77A500** is the 20% darker color. If you saturate the color by 10%, you get **AADC18**, and if you desaturate by 10%, it is **B6DC44**.

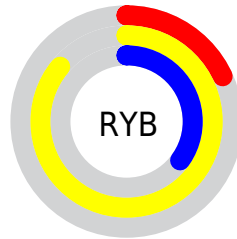
Distribution



Red (69%)

Green (86%)

Blue (18%)



Red (18%)

Yellow (86%)

Blue (35%)

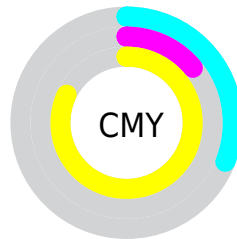


Cyan (20%)

Magenta (0%)

Yellow (79%)

Black (14%)



Cyan (31%)

Magenta (14%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color B0DC2E 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 B0DC2E by changing the saturation by 10% instead.

 B0DC2E

 B0DC2E

FFFFFF

 93C000

 EBFF6B

 77A500

 FFFF88

 5A8A00

 FFFFA4

 3E7100

 FFFF80


 1F5800

 FFFFDF

 004000

 FFFFFC

 002A00

 000E00

 000000

 B0DC2E

 B0DC2E

 AADC18

 B6DC44

 A5DC02

 BBDC5A

 A4DC00

 C1DC70

 C6DC86

 CCDC9C

 D1DCB2

 D7DCC8

 DDDCDE

 E2DCF4

Harmonies

Analogous

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



FAC612



B0DC2E



39E972

Triad

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



B0DC2E



00E9FF



FF81D9

Complementary

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



B0DC2E



5A2EDC

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.



FF99FF



B0DC2E



00D8FF

Square

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



B0DC2E



00F0FF



BABCFF



FF888D

Rectangle

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



B0DC2E



00EEA5



BABCFF



FF86F3

Sweetspot

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



B0DC2E



F0FFC2



DC5A2E



76805B



000000



808080

Same Dimension

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



B0DC2E



C2FF0D



5ADC2E



6B6E63



82AD00



222E00

Inverse Universe

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



5A2EDC



4A0DFF



B12EDC



65636E



2C00AD



0C002E

Previews

White Background



This preview shows how the Hex color B0DC2E looks on a white background.

Color Contrast Check

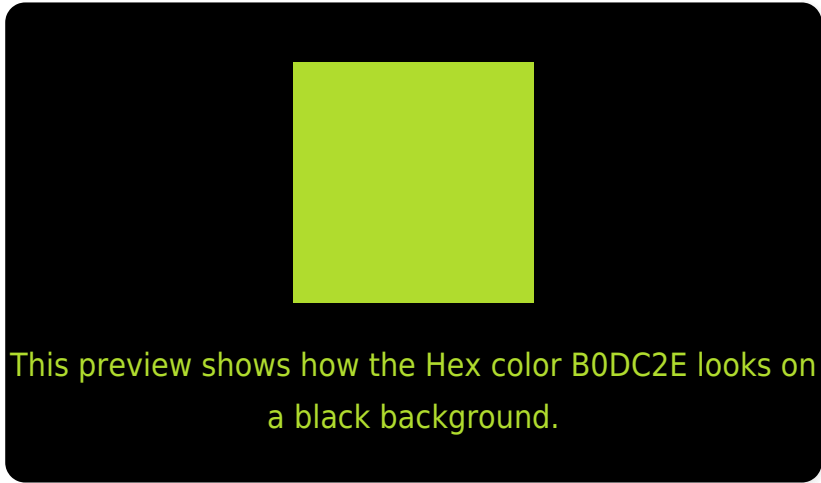
Large Text (above 18pt) WCAG AA × Fail

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 B0DC2E Background



This preview shows how black text looks on a background with the Hex color B0DC2E.

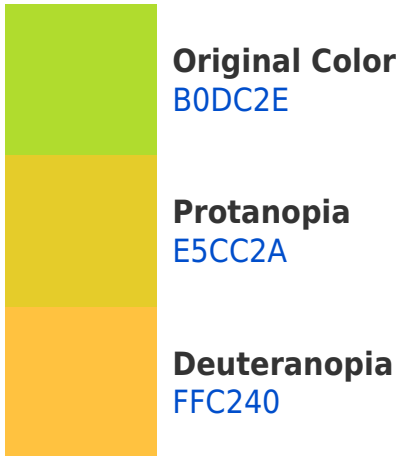


This preview shows how white text looks on a background with the Hex color B0DC2E.

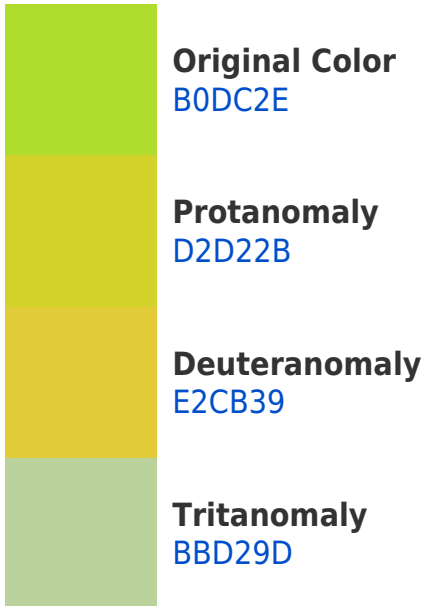
Color Blindness Simulation

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 B0DC2E 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 #B0DC2E looks like.

```
.text, #text, p{  
    color:#B0DC2E  
}
```

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 #B0DC2E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0DC2E
}
```

Border

The CSS property to change the border of an element to Hex B0DC2E 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
#B0DC2E }
```

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

```
.border{ border-color:#B0DC2E }
```

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

Here you see how a box with a 4 pixel #B0DC2E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0DC2E; -webkit-box-shadow:4px 4px  
4px 4px #B0DC2E; box-shadow:4px 4px 4px  
4px #B0DC2E }
```

Background

The CSS property to change the background color of an element to Hex B0DC2E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0DC2E }
```

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

```
.background{ background-color:#B0DC2E }
```

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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