

Converting Colors

Hex(B5DC2C)

Have a look what the booklet for
Hex(B5DC2C) contains.

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Color

Hex(B5DC2C)

Conversions

Conversions Part 1

Format	Color
Hex	B5DC2C
RGB	181, 220, 44
RGB Percent	71%, 86%, 17%
CMY	0.2902, 0.1373, 0.8275
CMYK	0.18, 0.00, 0.80, 0.14
HSL	73°, 72%, 52%
HSV	73°, 80%, 86%
XYZ	45.1039, 61.1920, 11.8169
YIQ	188.2750, 33.2520, -63.0040

Conversions

Conversions Part 2

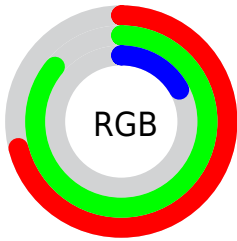
Format	Color
RYB	44, 220, 83
Decimal	11918380
CIELab	82.48, -34.49, 74.40
CIElCh	82, 82.004, 114.874
Yxy	61.1920, 0.3819, 0.5181
Android (android.graphics.Color)	4290108460 (0xFFB5DC2C)
YUV	188.2750, -71.1276, -6.3802
Hunter-Lab	78.2253, -33.9731, 45.8012

Details

The Hex color **B5DC2C** 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 **532CDC**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **F0FF6A**, and **7BA500** is the 20% darker color. If you saturate the color by 10%, you get **B0DC16**, and if you desaturate by 10%, it is **BADC42**.

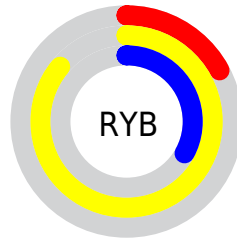
Distribution



Red (71%)

Green (86%)

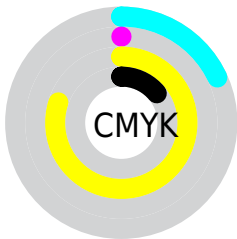
Blue (17%)



Red (17%)

Yellow (86%)

Blue (33%)

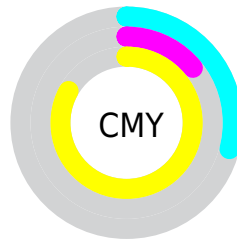


Cyan (18%)

Magenta (0%)

Yellow (80%)

Black (14%)



Cyan (29%)

Magenta (14%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color B5DC2C 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 B5DC2C by changing the saturation by 10% instead.

 B5DC2C

 B5DC2C

FFFFFF

 98C000

 F0FF6A

 7BA500

 FFFF86

 5F8A00

 FFFFA3

 437100

 FFFF00

 255800

 FFFFDD

 004000

 FFFFFB

 002A00

 001000

 000000

 B5DC2C

 B5DC2C

 B0DC16

 BADC42

 ABDC00

 BFDC58

 C4DC6E

 C9DC84

 CDDC9A

 D2DCB0

 D7DCC6

 DCDCDC

 E1DCF2

Harmonies

Analogous

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



FFC515



B5DC2C



45EA6F

Triad

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



B5DC2C



00EBFF



FF82DE

Complementary

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



B5DC2C



532CDC

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.



FF9CFF



B5DC2C



00DAFF

Square

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



B5DC2C



00F1FF



B4BEFF



FF8891

Rectangle

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



B5DC2C



00EFA2



B4BEFF



FF88F8

Sweetspot

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



B5DC2C



F1FFC2



DC522C



77805B



000000



808080

Same Dimension

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



B5DC2C



C9FF0A



5EDC2C



6B6E63



87AD00



242E00

Inverse Universe

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



532CDC



400AFF



AA2CDC



65636E



2600AD



0A002E

Previews

White Background



This preview shows how the Hex color B5DC2C looks on a white background.

Color Contrast Check

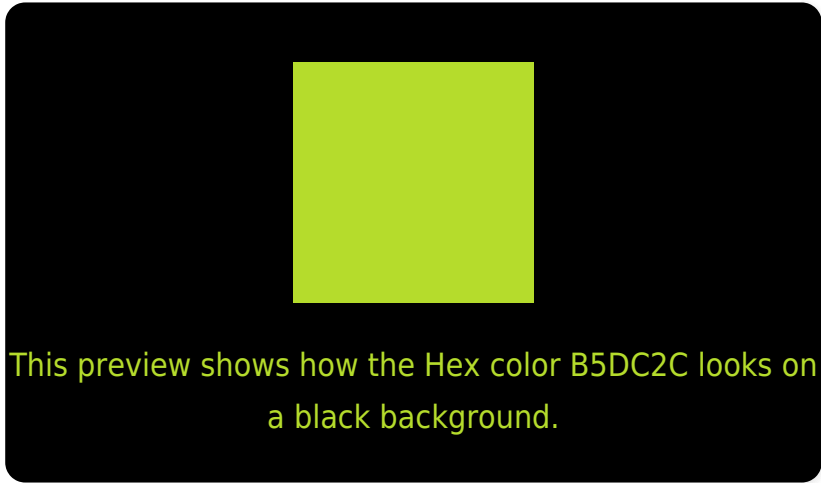
Large Text (above 18pt) WCAG AA × Fail

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 B5DC2C Background



This preview shows how black text looks on a background with the Hex color B5DC2C.

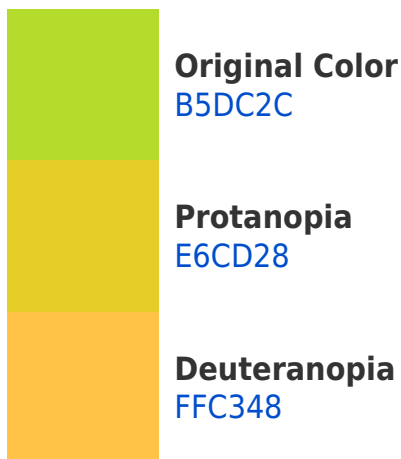


This preview shows how white text looks on a background with the Hex color B5DC2C.

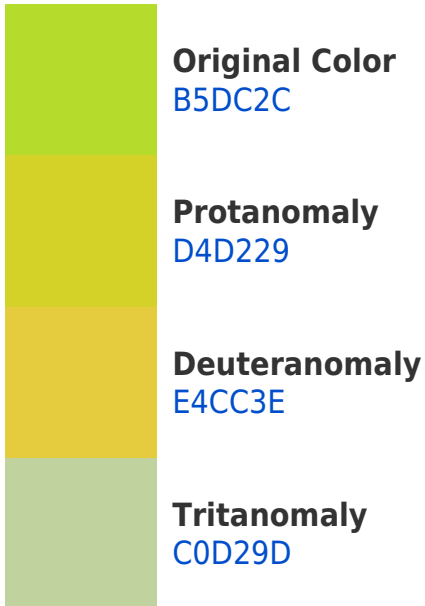
Color Blindness Simulation

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 B5DC2C 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 #B5DC2C looks like.

```
.text, #text, p{  
    color:#B5DC2C  
}
```

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 #B5DC2C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5DC2C
}
```

Border

The CSS property to change the border of an element to Hex B5DC2C 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
#B5DC2C }
```

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

```
.border{ border-color:#B5DC2C }
```

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

Here you see how a box with a 4 pixel #B5DC2C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5DC2C; -webkit-box-shadow:4px 4px  
4px 4px #B5DC2C; box-shadow:4px 4px 4px  
4px #B5DC2C }
```

Background

The CSS property to change the background color of an element to Hex B5DC2C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5DC2C }
```

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

```
.background{ background-color:#B5DC2C }
```

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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