

Converting Colors

Hex(B5CB01)

Have a look what the booklet for
Hex(B5CB01) contains.

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Color

Hex(B5CB01)

Conversions

Conversions Part 1

Format	Color
Hex	B5CB01
RGB	181, 203, 1
RGB Percent	71%, 80%, 0%
CMY	0.2902, 0.2039, 0.9961
CMYK	0.11, 0.00, 1.00, 0.20
HSL	67°, 99%, 40%
HSV	67°, 100%, 80%
XYZ	40.4175, 52.5378, 8.0393
YIQ	173.3940, 51.7300, -67.4860

Conversions

Conversions Part 2

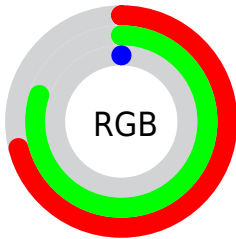
Format	Color
RYB	1, 203, 23
Decimal	11913985
CIELab	77.60, -27.46, 77.48
CIELCh	78, 82.200, 109.516
Yxy	52.5378, 0.4002, 0.5202
Android (android.graphics.Color)	4290104065 (0xFFB5CB01)
YUV	173.3940, -84.9902, 6.6705
Hunter-Lab	72.4830, -27.3112, 44.1621

Details

The Hex color **B5CB01** 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 **1701CB**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **F1FF54**, and **7B9500** is the 20% darker color. If you saturate the color by 10%, you get **B5CB00**, and if you desaturate by 10%, it is **B7CB15**.

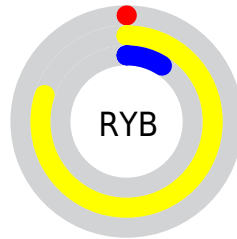
Distribution



Red (71%)

Green (80%)

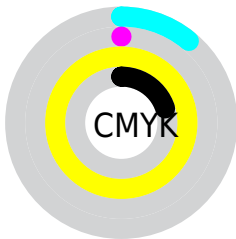
Blue (0%)



Red (0%)

Yellow (80%)

Blue (9%)

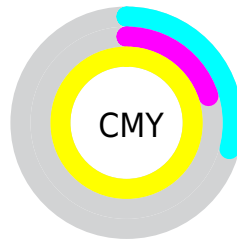


Cyan (11%)

Magenta (0%)

Yellow (100%)

Black (20%)



Cyan (29%)

Magenta (20%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color B5CB01 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 B5CB01 by changing the saturation by 10% instead.



B5CB01



B5CB01

FFFFFF



98B000



F1FF54



7B9500



FFFF72



5F7B00



FFFF8E



436200



FFFFAB



274A00



FFFC8



083300



FFFE6



002000



000000



B5CB01



B5CB01

 B5CB00

 B7CB15

 B9CB2A

 BCCB3E

 BECB52

 C0CB66

 C2CB7B

 C4CB8F

 C7CBA3

 C9CBB8

Harmonies

Analogous

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



FBB300



B5CB01



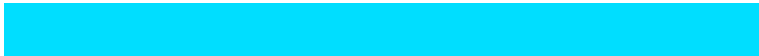
52DA55

Triad

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



B5CB01



00DEFF



FF76DE

Complementary

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



B5CB01



1701CB

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.



FF94FF



B5CB01



00D0FF

Square

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



B5CB01



00E3F1



86B7FF



FF7692

Rectangle

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



B5CB01



00E087



86B7FF



FF7EF7

Sweetspot

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



B5CB01



F7FFB3



CB1501



7B8052



000000



808080

Same Dimension

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



B5CB01



E3FF00



52CB01



65665C



94A600



222600

Inverse Universe

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



1701CB



1C00FF



7A01CB



5D5C66



1200A6



040026

Previews

White Background



This preview shows how the Hex color B5CB01 looks on a white background.

Color Contrast Check

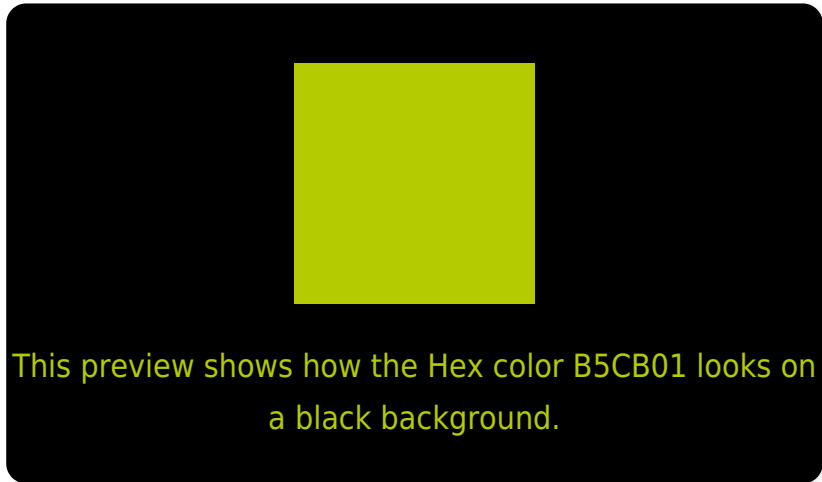
Large Text (above 18pt) WCAG AA × Fail

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 B5CB01 Background



This preview shows how black text looks on a background with the Hex color B5CB01.

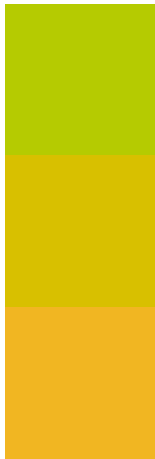


This preview shows how white text looks on a background with the Hex color B5CB01.

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

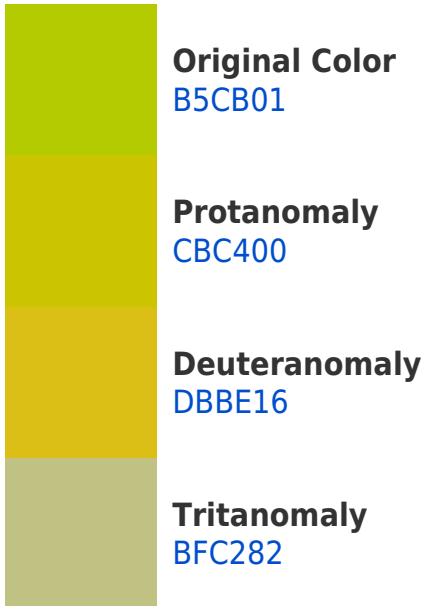


Original Color
B5CB01

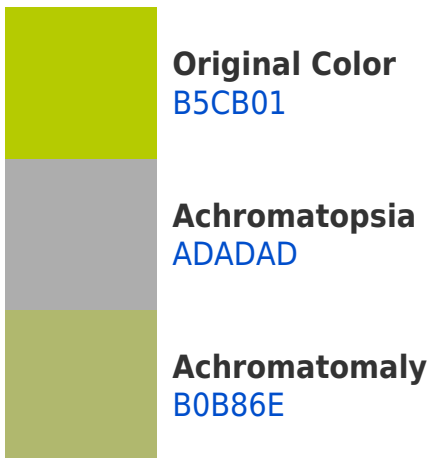
Protanopia
D8C000

Deuteranopia
F1B622

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B5CB01 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 #B5CB01 looks like.

```
.text, #text, p{  
    color:#B5CB01  
}
```

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 #B5CB01 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5CB01
}
```

Border

The CSS property to change the border of an element to Hex B5CB01 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
#B5CB01 }
```

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

```
.border{ border-color:#B5CB01 }
```

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

Here you see how a box with a 4 pixel #B5CB01 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5CB01; -webkit-box-shadow:4px 4px  
4px 4px #B5CB01; box-shadow:4px 4px 4px  
4px #B5CB01 }
```

Background

The CSS property to change the background color of an element to Hex B5CB01 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5CB01 }
```

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

```
.background{ background-color:#B5CB01 }
```

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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