

# Converting Colors

Hex(B1C201)

Have a look what the booklet for  
Hex(B1C201) contains.

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**Color**

**Hex(B1C201)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B1C201
RGB	177, 194, 1
RGB Percent	69%, 76%, 0%
CMY	0.3059, 0.2392, 0.9961
CMYK	0.09, 0.00, 0.99, 0.24
HSL	65°, 99%, 38%
HSV	65°, 99%, 76%
XYZ	37.4287, 47.9329, 7.3080
YIQ	166.9150, 51.8210, -63.6270

# Conversions

## Conversions Part 2

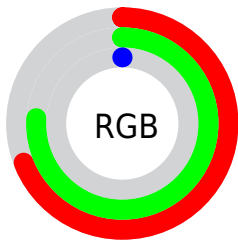
Format	Color
<b>RYB</b>	1, 194, 18
Decimal	11649537
CIELab	74.78, -24.82, 75.24
CIELCh	75, 79.230, 108.254
Yxy	47.9329, 0.4039, 0.5172
Android (android.graphics.Color)	4289839617 (0xFFB1C201)
YUV	166.9150, -81.7961, 8.8445
Hunter-Lab	69.2336, -24.6589, 42.2051

# Details

The Hex color **B1C201** 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 **1201C2**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **ECFA52**, and **788D00** is the 20% darker color. If you saturate the color by 10%, you get **B1C200**, and if you desaturate by 10%, it is **B3C214**.

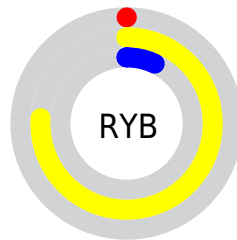
# Distribution



Red (69%)

Green (76%)

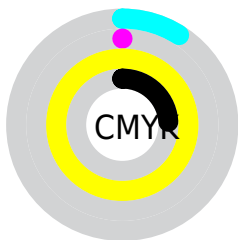
Blue (0%)



Red (0%)

Yellow (76%)

Blue (7%)

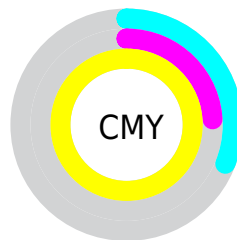


Cyan (9%)

Magenta (0%)

Yellow (99%)

Black (24%)



Cyan (31%)

Magenta (24%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B1C201 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 B1C201 by changing the saturation by 10% instead.



 B1C201

 B1C201

FFFFFF

 94A700

 ECFA52

 788D00

 FFFF6F

 5C7300

 FFFF8C

 405B00

 FFFFA9

 244300

 FFFFC6

 072D00

 FFFF E3

 001900

 000000

 B1C201

 B1C201

 B1C200

 B3C214

 B4C228

 B6C23B

 B8C24F

 BAC262

 BBC275

 BDC289

 BFC29C

 C0C2B0

# Harmonies

## Analogous

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



F3AA05



B1C201



55D14F

# Triad

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



B1C201



00D6FF



FF72D8

# Complementary

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



B1C201



1201C2

# 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.



F390FF



B1C201



00C9FF

# Square

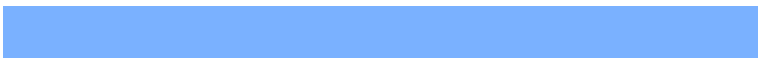
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



B1C201



00DAE4



7AB1FF



FF718F

# Rectangle

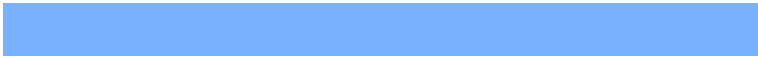
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



B1C201



00D67F



7AB1FF



FF7AF0

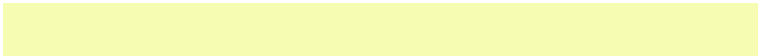


# Sweetspot

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



B1C201



F6FCB1



C21101



7B8052



000000



808080



# Same Dimension

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



B1C201



E6FC00



51C201



606157



92A100



1E2100



# Inverse Universe

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



1201C2



1600FC



7201C2



585761



0E00A1



030021



# Previews

## White Background



This preview shows how the Hex color B1C201 looks on a white background.

## Color Contrast Check

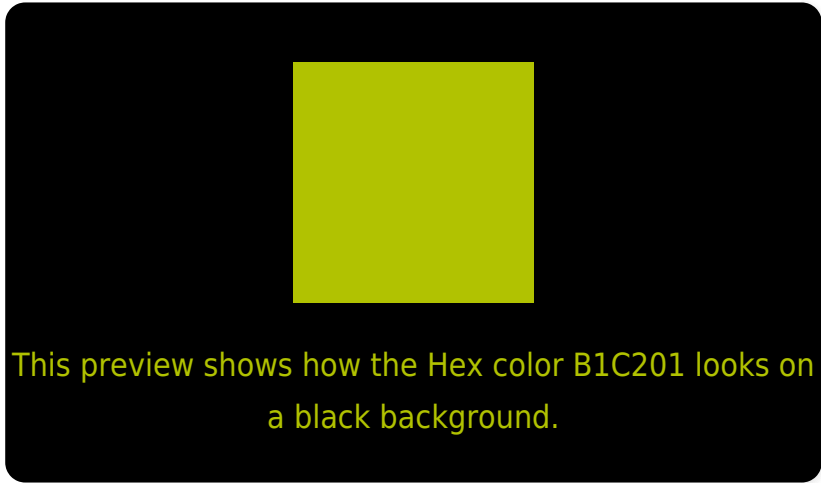
Large Text (above 18pt) WCAG AA × Fail

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 B1C201 Background



This preview shows how black text looks on a background with the Hex color B1C201.



This preview shows how white text looks on a background with the Hex color B1C201.

# 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**  
B1C201

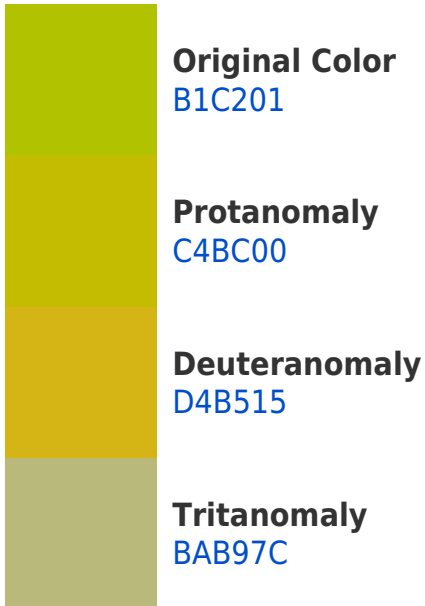
**Protanopia**  
CFB800

**Deuteranopia**  
E8AE20

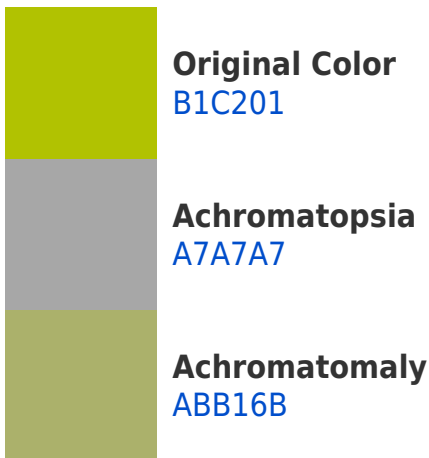


**Tritanopia**  
BFB4C3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B1C201 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 #B1C201 looks like.

```
.text, #text, p{  
    color:#B1C201  
}
```

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 #B1C201 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1C201
}
```

## Border

The CSS property to change the border of an element to Hex B1C201 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
#B1C201 }
```

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

```
.border{ border-color:#B1C201 }
```

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

Here you see how a box with a 4 pixel #B1C201 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1C201; -webkit-box-shadow:4px 4px  
4px 4px #B1C201; box-shadow:4px 4px 4px  
4px #B1C201 }
```

# Background

The CSS property to change the background color of an element to Hex B1C201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1C201 }
```

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

```
.background{ background-color:#B1C201 }
```

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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