

# Converting Colors

Hex(B2C341)

Have a look what the booklet for  
Hex(B2C341) contains.

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**Color**

**Hex(B2C341)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B2C341
RGB	178, 195, 65
RGB Percent	70%, 76%, 25%
CMY	0.3020, 0.2353, 0.7451
CMYK	0.09, 0.00, 0.67, 0.24
HSL	68°, 52%, 51%
HSV	68°, 67%, 76%
XYZ	38.8293, 48.8768, 12.3887
YIQ	175.0970, 31.5980, -44.0340

# Conversions

## Conversions Part 2

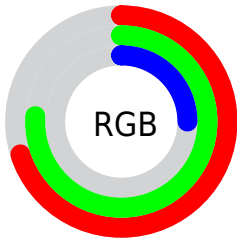
<b>Format</b>	<b>Color</b>
<b>RYB</b>	65, 195, 82
Decimal	11715393
CIELab	75.37, -22.85, 60.63
CIELCh	75, 64.793, 110.653
Yxy	48.8768, 0.3879, 0.4883
Android (android.graphics.Color)	4289905473 (0xFFB2C341)
YUV	175.0970, -54.2778, 2.5459
Hunter-Lab	69.9120, -23.2065, 38.4320

# Details

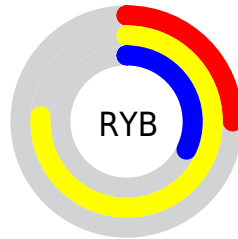
The Hex color **B2C341** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted chartreuse. A complement of this color would be **5241C3**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **ECFB78**, and **7A8D00** is the 20% darker color. If you saturate the color by 10%, you get **AFC32E**, and if you desaturate by 10%, it is **B5C355**.

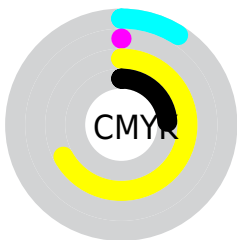
# Distribution



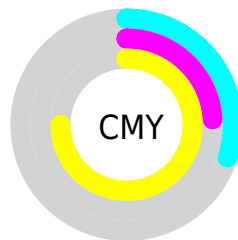
- Red (70%)
- Green (76%)
- Blue (25%)



- Red (25%)
- Yellow (76%)
- Blue (32%)



- Cyan (9%)
- Magenta (0%)
- Yellow (67%)
- Black (24%)



- Cyan (30%)
- Magenta (24%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B2C341 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 B2C341 by changing the saturation by 10% instead.



 B2C341

 B2C341

FFFFFF

 96A824

 ECFB78

 7A8D00

 FFFF93

 5F7400

 FFFFAF

 455B00

 FFFF93

 2A4400

 FFFF93

 0E2D00

 001B00

 000000

 B2C341

 B2C341

 AFC32E

 B5C355

 ADC31A

 B7C368

 AAC307

 BAC37C

 AAC300

 BCC38F

 BFC3A3

 C1C3B6

 C4C3CA

 C6C3DD

 C9C3F1

# Harmonies

## Analogous

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



EAB03D



B2C341



69CF6A

# Triad

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



B2C341



00D2FF



FF86CF

# Complementary

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



B2C341



5241C3

# 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.



F099FF



B2C341



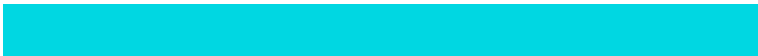
00C6FF

# Square

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



B2C341



00D7E2



9BB1FF



FF8693

# Rectangle

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



B2C341



00D490



9BB1FF



FF8AE3



# Sweetspot

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



B2C341



F6FCCA



C35041



7B8061



000000



808080



# Same Dimension

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



B2C341



E2FC32



73C341



606157



8CA100



1D2100



# Inverse Universe

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



5241C3



4D32FC



9141C3



585761



1500A1



040021



# Previews

## White Background



This preview shows how the Hex color B2C341 looks on a white background.

## Color Contrast Check

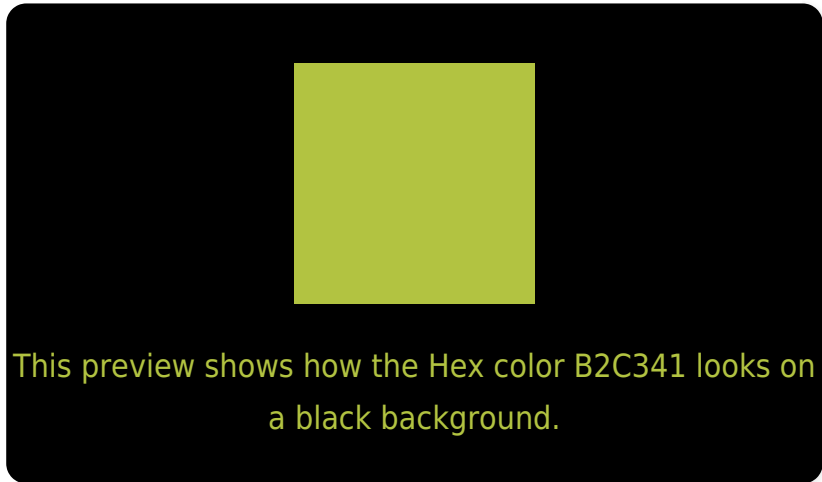
Large Text (above 18pt) WCAG AA × Fail

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 B2C341 Background



This preview shows how black text looks on a background with the Hex color B2C341.

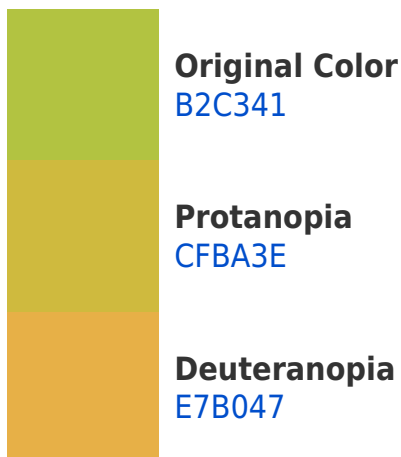


This preview shows how white text looks on a background with the Hex color B2C341.

# 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](#).

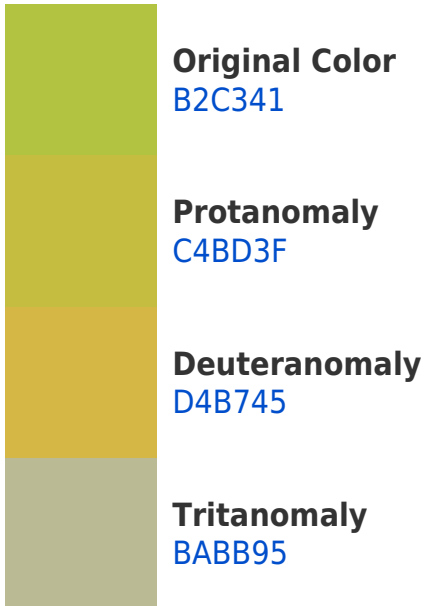
## Dichromacy



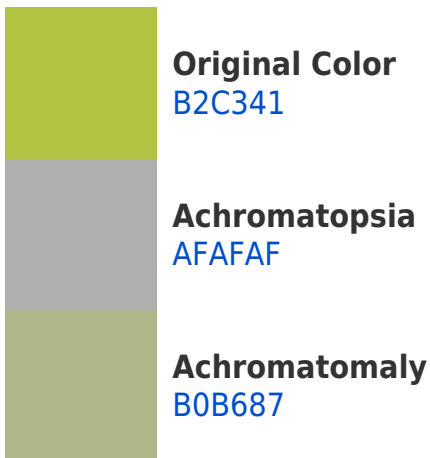


**Tritanopia**  
BFB6C5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B2C341 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 #B2C341 looks like.

```
.text, #text, p{  
    color:#B2C341  
}
```

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 #B2C341 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2C341
}
```

## Border

The CSS property to change the border of an element to Hex B2C341 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
#B2C341 }
```

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

```
.border{ border-color:#B2C341 }
```

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

Here you see how a box with a 4 pixel #B2C341 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2C341; -webkit-box-shadow:4px 4px  
4px 4px #B2C341; box-shadow:4px 4px 4px  
4px #B2C341 }
```

# Background

The CSS property to change the background color of an element to Hex B2C341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2C341 }
```

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

```
.background{ background-color:#B2C341 }
```

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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