

Converting Colors

Hex(B3CC35)

Have a look what the booklet for
Hex(B3CC35) contains.

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Color

Hex(B3CC35)

Conversions

Conversions Part 1

Format	Color
Hex	B3CC35
RGB	179, 204, 53
RGB Percent	70%, 80%, 21%
CMY	0.2980, 0.2000, 0.7922
CMYK	0.12, 0.00, 0.74, 0.20
HSL	70°, 60%, 50%
HSV	70°, 74%, 80%
XYZ	40.8259, 53.0265, 11.4515
YIQ	179.3110, 33.5710, -52.2610

Conversions

Conversions Part 2

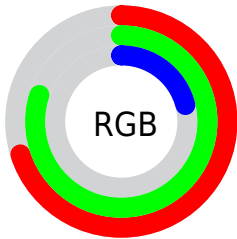
Format	Color
RYB	53, 204, 78
Decimal	11783221
CIELab	77.89, -27.45, 67.47
CIELCh	78, 72.843, 112.134
Yxy	53.0265, 0.3877, 0.5036
Android (android.graphics.Color)	4289973301 (0xFFB3CC35)
YUV	179.3110, -62.2713, -0.2727
Hunter-Lab	72.8193, -27.3583, 41.6496

Details

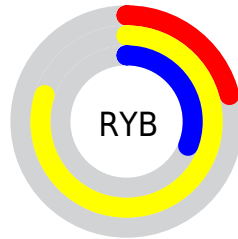
The Hex color **B3CC35** is a dark color, and the websafe version is hex **99CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **4E35CC**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **EEFF6E**, and **7A9600** is the 20% darker color. If you saturate the color by 10%, you get **B0CC21**, and if you desaturate by 10%, it is **B6CC49**.

Distribution



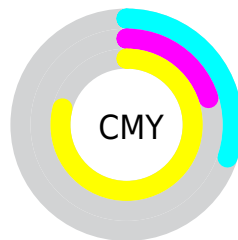
- Red (70%)
- Green (80%)
- Blue (21%)



- Red (21%)
- Yellow (80%)
- Blue (31%)



- Cyan (12%)
- Magenta (0%)
- Yellow (74%)
- Black (20%)



- Cyan (30%)
- Magenta (20%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color B3CC35 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 B3CC35 by changing the saturation by 10% instead.



B3CC35



B3CC35

FFFFFF



96B10F



EEFF6E



7A9600



FFFF8A



5F7C00



FFFFA7



446300



FFFFC3



284B00



FFFFE0



093400

FFFFFFE



002100



000000



B3CC35



B3CC35

 B0CC21

 B6CC49

 ACCC0C

 BACC5E

 AACCC00

 BDCC72

 C1CC87

 C4CC9B

 C7CCAF

 CBCCC4

 CECCD8

 D1CCED

Harmonies

Analogous

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



F3B72D



B3CC35



5CD969

Triad

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



B3CC35



00DBFF



FF82D5

Complementary

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



B3CC35



4E35CC

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



B3CC35



00CEFF

Square

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



B3CC35



00E1F2



A1B6FF



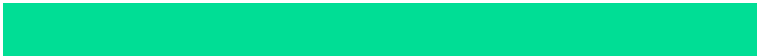
FF8592

Rectangle

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



B3CC35



00DE95



A1B6FF



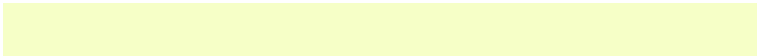
FF88EC

Sweetspot

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



B3CC35



F6FFC7



CC4C35



7A805E



000000



808080

Same Dimension

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



B3CC35



D9FF1C



6ACC35



64665C



8AA600



202600

Inverse Universe

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



4E35CC



421CFF



9735CC



5D5C66



1B00A6



060026

Previews

White Background



This preview shows how the Hex color B3CC35 looks on a white background.

Color Contrast Check

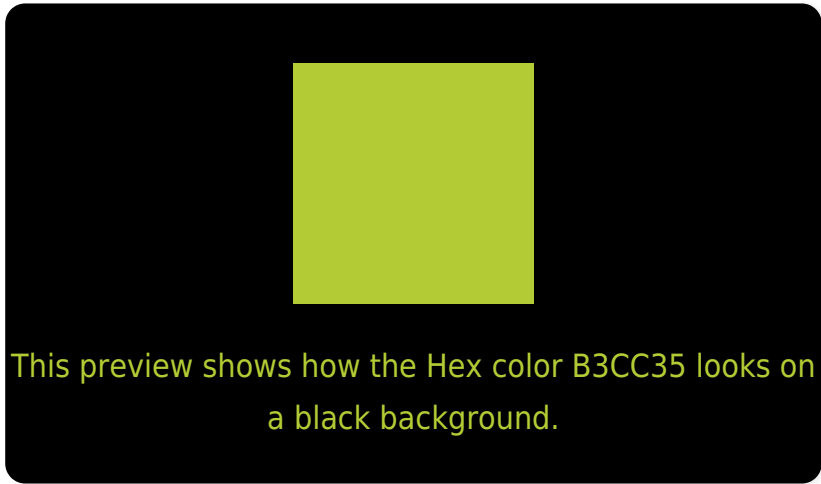
Large Text (above 18pt) WCAG AA × Fail

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 B3CC35 Background



This preview shows how black text looks on a background with the Hex color B3CC35.

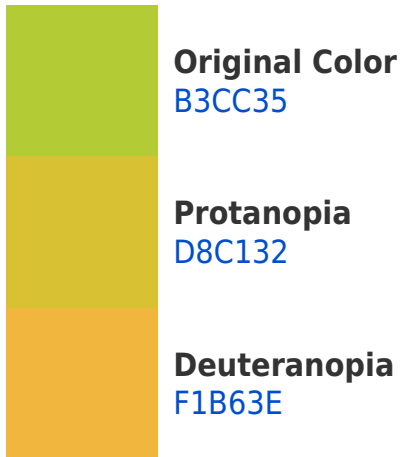


This preview shows how white text looks on a background with the Hex color B3CC35.

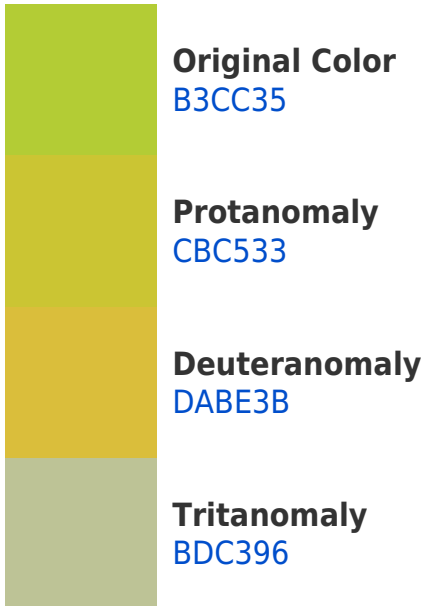
Color Blindness Simulation

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 B3CC35 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 #B3CC35 looks like.

```
.text, #text, p{  
    color:#B3CC35  
}
```

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 #B3CC35 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B3CC35
}
```

Border

The CSS property to change the border of an element to Hex B3CC35 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
#B3CC35 }
```

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

```
.border{ border-color:#B3CC35 }
```

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

Here you see how a box with a 4 pixel #B3CC35 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B3CC35; -webkit-box-shadow:4px 4px  
4px 4px #B3CC35; box-shadow:4px 4px 4px  
4px #B3CC35 }
```

Background

The CSS property to change the background color of an element to Hex B3CC35 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B3CC35 }
```

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

```
.background{ background-color:#B3CC35 }
```

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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