

Converting Colors

Hex(B3B345)

Have a look what the booklet for
Hex(B3B345) contains.

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Color

Hex(B3B345)

Conversions

Conversions Part 1

Format	Color
Hex	B3B345
RGB	179, 179, 69
RGB Percent	70%, 70%, 27%
CMY	0.2980, 0.2980, 0.7294
CMYK	0.00, 0.00, 0.61, 0.30
HSL	60°, 44%, 49%
HSV	60°, 61%, 70%
XYZ	35.7847, 42.2536, 11.8999
YIQ	166.4600, 35.3100, -34.2100

Conversions

Conversions Part 2

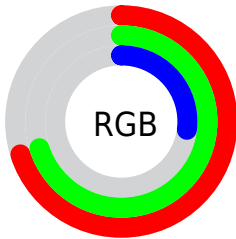
Format	Color
RYB	69, 179, 69
Decimal	11776837
CIELab	71.05, -14.15, 54.46
CIELCh	71, 56.266, 104.571
Yxy	42.2536, 0.3979, 0.4698
Android (android.graphics.Color)	4289966917 (0xFFB3B345)
YUV	166.4600, -48.0478, 10.9976
Hunter-Lab	65.0028, -15.4887, 34.6478

Details

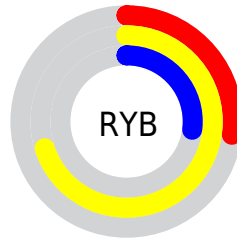
The Hex color **B3B345** is a dark color, and the websafe version is hex **CCCC66**. A complement of this color would be **4545B3**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **EDEB7A**, and **7B7F08** is the 20% darker color. If you saturate the color by 10%, you get **B3B333**, and if you desaturate by 10%, it is **B3B357**.

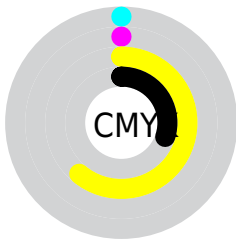
Distribution



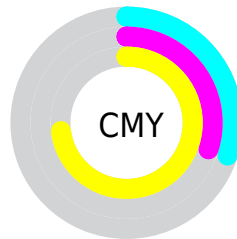
- Red (70%)
- Green (70%)
- Blue (27%)



- Red (27%)
- Yellow (70%)
- Blue (27%)



- Cyan (0%)
- Magenta (0%)
- Yellow (61%)
- Black (30%)



- Cyan (30%)
- Magenta (30%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color B3B345 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 B3B345 by changing the saturation by 10% instead.

 B3B345

 B3B345

FFFFFF

 97982A

 EDEB7A

 7B7F08

 FFFF95

 606600

 FFFFB1

 474E00

 FFFFCD

 2D3700

 FFFFEA

 142200

 000700

 000000

 B3B345

 B3B345

 B3B333

 B3B357

 B3B321

 B3B369

 B3B30F

 B3B37B

 B3B300

 B3B38D

 B3B39E

 B3B3B0

 B3B3C2

 B3B3D4

 B3B3E6

Harmonies

Analogous

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



E1A248



B3B345



79BF62

Triad

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



B3B345



00C4F5



FF85CB

Complementary

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



B3B345



4545B3

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.



D196F7



B3B345



00BBFF

Square

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



B3B345



00C8C6



82ABFF



FF8297

Rectangle

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



B3B345



43C480



82ABFF



F38ADB

Sweetspot

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



B3B345



E8E8BE



B34545



75755B



F5F5F5



757575

Same Dimension

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



B3B345



E8E83C



7CB345



595950



999900



1A1A00

Inverse Universe

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



4545B3



3C3CE8



7C45B3



505059



000099



00001A

Previews

White Background



This preview shows how the Hex color B3B345 looks on a white background.

Color Contrast Check

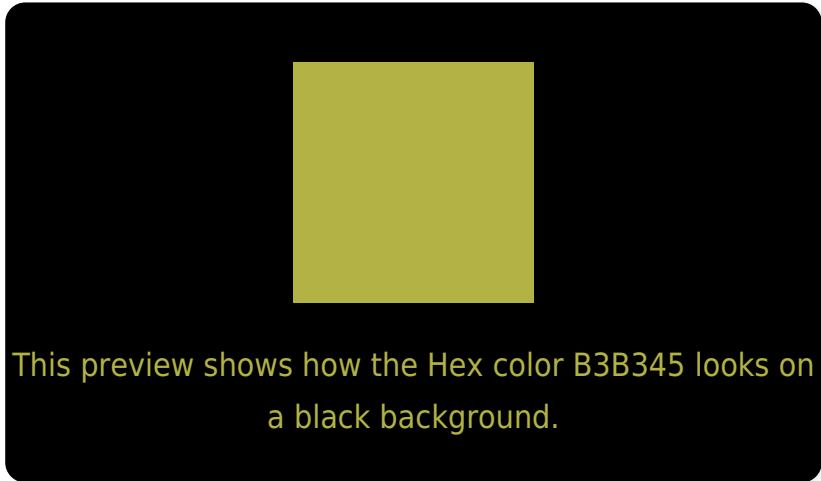
Large Text (above 18pt) WCAG AA × Fail

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 B3B345 Background



This preview shows how black text looks on a background with the Hex color B3B345.



This preview shows how white text looks on a background with the Hex color B3B345.

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
B3B345

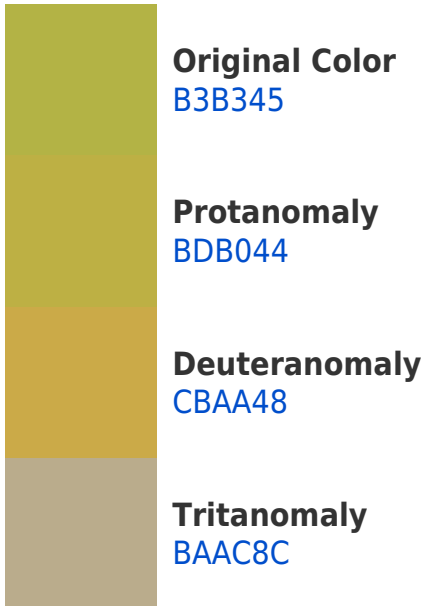
Protanopia
C2AE44

Deuteranopia
D8A549

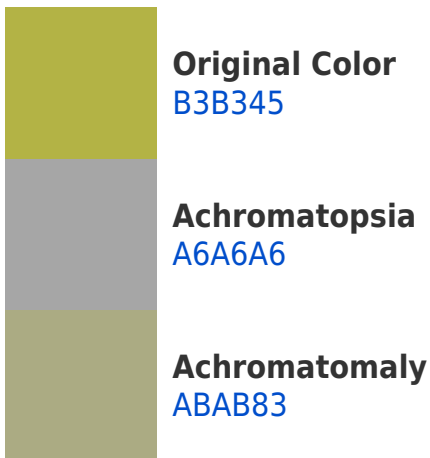


Tritanopia
BEA8B5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B3B345 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 #B3B345 looks like.

```
.text, #text, p{  
    color:#B3B345  
}
```

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 #B3B345 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B3B345
}
```

Border

The CSS property to change the border of an element to Hex B3B345 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
#B3B345 }
```

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

```
.border{ border-color:#B3B345 }
```

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

Here you see how a box with a 4 pixel #B3B345 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B3B345; -webkit-box-shadow:4px 4px  
4px 4px #B3B345; box-shadow:4px 4px 4px  
4px #B3B345 }
```

Background

The CSS property to change the background color of an element to Hex B3B345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B3B345 }
```

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

```
.background{ background-color:#B3B345 }
```

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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