

Converting Colors

Hex(B4B338)

Have a look what the booklet for
Hex(B4B338) contains.

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Color

Hex(B4B338)

Conversions

Conversions Part 1

Format	Color
Hex	B4B338
RGB	180, 179, 56
RGB Percent	71%, 70%, 22%
CMY	0.2941, 0.2980, 0.7804
CMYK	0.00, 0.01, 0.69, 0.29
HSL	60°, 53%, 46%
HSV	60°, 69%, 71%
XYZ	35.6563, 42.2290, 10.0131
YIQ	165.2770, 40.0790, -38.0410

Conversions

Conversions Part 2

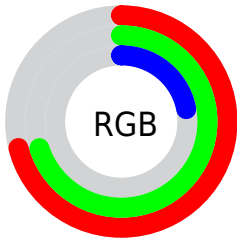
Format	Color
RYB	57, 180, 56
Decimal	11842360
CIELab	71.03, -14.51, 59.77
CIELCh	71, 61.511, 103.648
Yxy	42.2290, 0.4057, 0.4804
Android (android.graphics.Color)	4290032440 (0xFFB4B338)
YUV	165.2770, -53.8736, 12.9121
Hunter-Lab	64.9839, -15.7798, 36.3529

Details

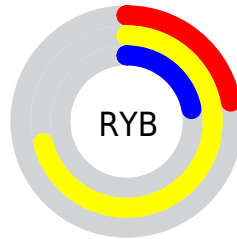
The Hex color **B4B338** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **3839B4**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **EEEE6E**, and **7C7F00** is the 20% darker color. If you saturate the color by 10%, you get **B4B326**, and if you desaturate by 10%, it is **B4B34A**.

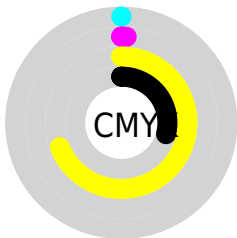
Distribution



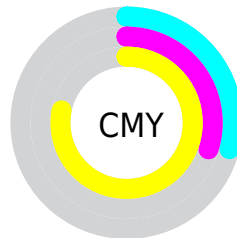
- Red (71%)
- Green (70%)
- Blue (22%)



- Red (22%)
- Yellow (71%)
- Blue (22%)



- Cyan (0%)
- Magenta (1%)
- Yellow (69%)
- Black (29%)



- Cyan (29%)
- Magenta (30%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color B4B338 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 B4B338 by changing the saturation by 10% instead.

 B4B338

 B4B338

FFFFFF

 989819

 EEEB6E

 7C7F00

 FFFF8A

 616600

 FFFFA5

 464E00

 FFFF80

 2C3700

 FFFFDE

 132200

 FFFFFB

 000700

 000000

 B4B338

 B4B338

 B4B326

 B4B34A

 B4B314

 B4B35C

 B4B302

 B4B36E

 B4B300

 B4B480

 B4B492

 B4B4A4

 B4B4B6

 B4B4C8

 B4B4DA

Harmonies

Analogous

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



E6A03E



B4B338



75C058

Triad

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



B4B338



00C6FA



FF80CF

Complementary

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



B4B338



3839B4

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.



D294FF



B4B338



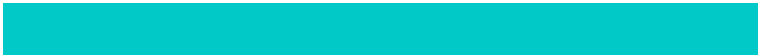
00BDFF

Square

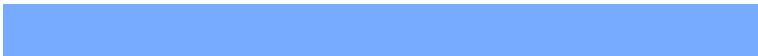
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



B4B338



00C9C7



76ABFF



FF7C96

Rectangle

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



B4B338



33C57A



76ABFF



F886E1

Sweetspot

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



B4B338



EBEAB9



B4383A



757558



F5F5F5



757575

Same Dimension

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



B4B338



EBE928



78B438



595950



999800



1A1900

Inverse Universe

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



3839B4



2829EB



7438B4



505059



000199



00001A

Previews

White Background



This preview shows how the Hex color B4B338 looks on a white background.

Color Contrast Check

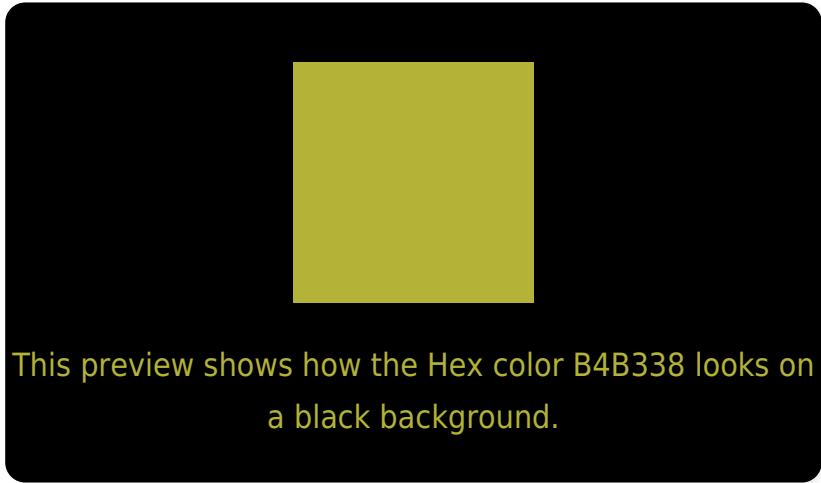
Large Text (above 18pt) WCAG AA × Fail

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 B4B338 Background



This preview shows how black text looks on a background with the Hex color B4B338.



This preview shows how white text looks on a background with the Hex color B4B338.

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
B4B338

Protanopia
C3AE37

Deuteranopia
D9A53D



Tritanopia
BFA7B4

Trichromacy



Original Color
B4B338

Protanomaly
BEB037

Deuteranomaly
CCAA3B

Tritanomaly
BBAB87

Monochromacy



Original Color
B4B338

Achromatopsia
A5A5A5

Achromatomaly
AAAA7D

CSS Examples

Text

The CSS property to change the color of the text to Hex B4B338 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 #B4B338 looks like.

```
.text, #text, p{  
    color:#B4B338  
}
```

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 #B4B338 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B4B338
}
```

Border

The CSS property to change the border of an element to Hex B4B338 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
#B4B338 }
```

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

```
.border{ border-color:#B4B338 }
```

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

Here you see how a box with a 4 pixel #B4B338 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B4B338; -webkit-box-shadow:4px 4px  
4px 4px #B4B338; box-shadow:4px 4px 4px  
4px #B4B338 }
```

Background

The CSS property to change the background color of an element to Hex B4B338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B4B338 }
```

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

```
.background{ background-color:#B4B338 }
```

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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