

Converting Colors

Hex(B3BB46)

Have a look what the booklet for
Hex(B3BB46) contains.

Hex(B3BB46)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B3BB46)

Conversions

Conversions Part 1

Format	Color
Hex	B3BB46
RGB	179, 187, 70
RGB Percent	70%, 73%, 27%
CMY	0.2980, 0.2667, 0.7255
CMYK	0.04, 0.00, 0.63, 0.27
HSL	64°, 46%, 50%
HSV	64°, 63%, 73%
XYZ	37.4662, 45.5666, 12.6149
YIQ	171.2700, 32.7890, -38.0830

Conversions

Conversions Part 2

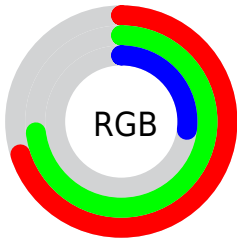
Format	Color
RYB	70, 187, 78
Decimal	11778886
CIELab	73.26, -18.15, 56.40
CIELCh	73, 59.250, 107.835
Yxy	45.5666, 0.3917, 0.4764
Android (android.graphics.Color)	4289968966 (0xFFB3BB46)
YUV	171.2700, -49.9261, 6.7792
Hunter-Lab	67.5030, -19.0573, 36.1720

Details

The Hex color **B3BB46** is a dark color, and the websafe version is hex **CCCC66**. A complement of this color would be **4E46BB**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **EDF37B**, and **7B8606** is the 20% darker color. If you saturate the color by 10%, you get **B2BB33**, and if you desaturate by 10%, it is **B4BB59**.

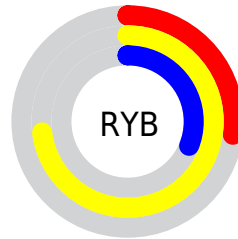
Distribution



Red (70%)

Green (73%)

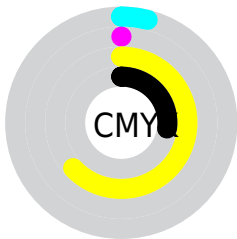
Blue (27%)



Red (27%)

Yellow (73%)

Blue (31%)

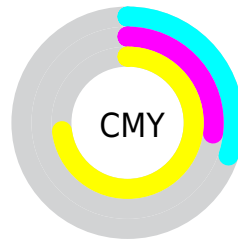


Cyan (4%)

Magenta (0%)

Yellow (63%)

Black (27%)



Cyan (30%)

Magenta (27%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color B3BB46 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 B3BB46 by changing the saturation by 10% instead.



B3BB46



B3BB46

FFFFFF



97A02A



EDF37B



7B8606



FFFF97



606D00



FFFFB2



475500



FFFFCF



2C3D00



FFF FEC



132800



001400



000000



B3BB46



B3BB46

 B2BB33

 B4BB59

 B0BB21

 B6BB6B

 AFBB0E

 B7BB7E

 AEBB00

 B8BB91

 B9BBA3

 BBBB6

 BCBBC9

 BDBBDC

 BFBEE

Harmonies

Analogous

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



E5A946



B3BB46



74C768

Triad

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



B3BB46



00CBFF



FF87CC

Complementary

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



B3BB46



4E46BB

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.



E098FD



B3BB46



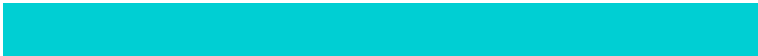
00C0FF

Square

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



B3BB46



00CFD3



90AEFF



FF8596

Rectangle

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



B3BB46



30CC89



90AEFF



FF8BDE

Sweetspot

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



B3BB46



EFF2C4



BB4E46



787A5E



FAFAFA



7A7A7A

Same Dimension

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



B3BB46



E6F23D



79BB46



5E5E55



939E00



1D1F00

Inverse Universe

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



4E46BB



493DF2



8846BB



56555E



0B009E



02001F

Previews

White Background



This preview shows how the Hex color B3BB46 looks on a white background.

Color Contrast Check

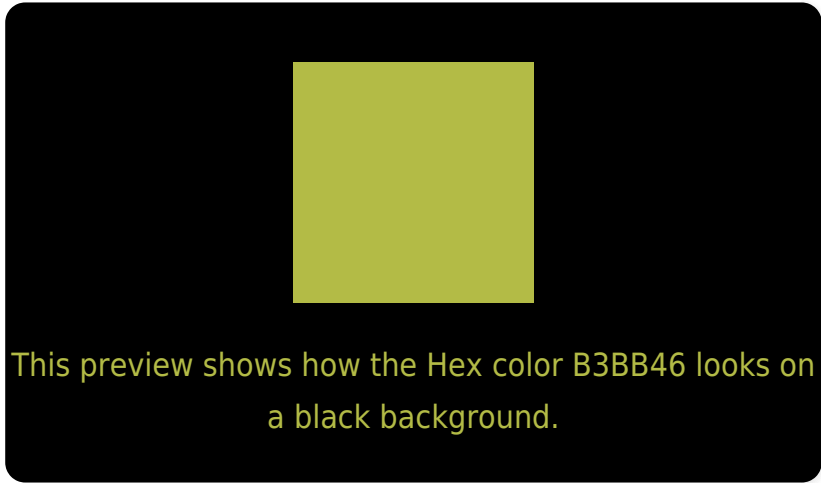
Large Text (above 18pt) WCAG AA × Fail

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 B3BB46 Background



This preview shows how black text looks on a background with the Hex color B3BB46.



This preview shows how white text looks on a background with the Hex color B3BB46.

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

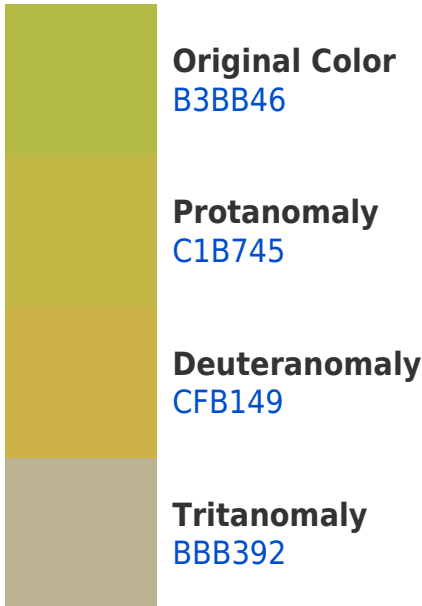


Original Color
B3BB46

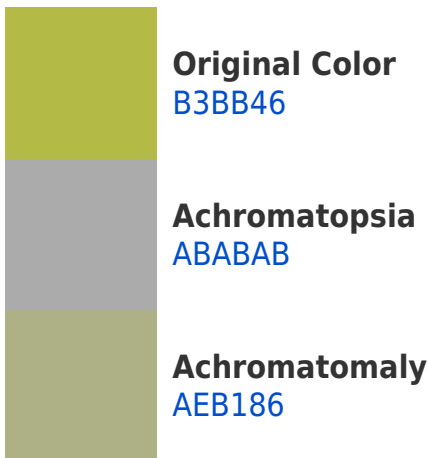
Protanopia
C9B444

Deuteranopia
DFAB4B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B3BB46 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 #B3BB46 looks like.

```
.text, #text, p{  
    color:#B3BB46  
}
```

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 #B3BB46 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B3BB46
}
```

Border

The CSS property to change the border of an element to Hex B3BB46 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
#B3BB46 }
```

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

```
.border{ border-color:#B3BB46 }
```

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

Here you see how a box with a 4 pixel #B3BB46 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B3BB46; -webkit-box-shadow:4px 4px  
4px 4px #B3BB46; box-shadow:4px 4px 4px  
4px #B3BB46 }
```

Background

The CSS property to change the background color of an element to Hex B3BB46 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B3BB46 }
```

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

```
.background{ background-color:#B3BB46 }
```

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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