

Converting Colors

Hex(B3C46A)

Have a look what the booklet for
Hex(B3C46A) contains.

Hex(B3C46A)	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(B3C46A)

Conversions

Conversions Part 1

Format	Color
Hex	B3C46A
RGB	179, 196, 106
RGB Percent	70%, 77%, 42%
CMY	0.2980, 0.2314, 0.5843
CMYK	0.09, 0.00, 0.46, 0.23
HSL	71°, 43%, 59%
HSV	71°, 46%, 77%
XYZ	40.9319, 50.1042, 21.1494
YIQ	180.6570, 18.7580, -31.5940

Conversions

Conversions Part 2

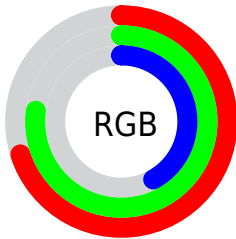
Format	Color
RYB	106, 196, 123
Decimal	11781226
CIELab	76.13, -19.54, 43.02
CIELCh	76, 47.254, 114.431
Yxy	50.1042, 0.3649, 0.4466
Android (android.graphics.Color)	4289971306 (0xFFB3C46A)
YUV	180.6570, -36.8059, -1.4532
Hunter-Lab	70.7843, -20.6528, 31.8339

Details

The Hex color **B3C46A** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **7B6AC4**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **ECFD9F**, and **7D8E37** is the 20% darker color. If you saturate the color by 10%, you get **AFC456**, and if you desaturate by 10%, it is **B7C47E**.

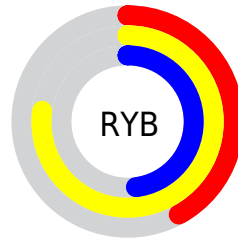
Distribution



Red (70%)

Green (77%)

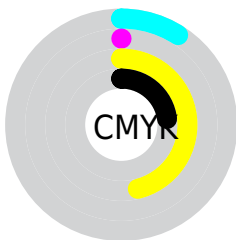
Blue (42%)



Red (42%)

Yellow (77%)

Blue (48%)

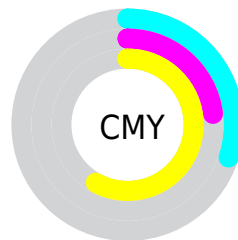


Cyan (9%)

Magenta (0%)

Yellow (46%)

Black (23%)



Cyan (30%)

Magenta (23%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color B3C46A 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 B3C46A by changing the saturation by 10% instead.

 B3C46A

 B3C46A

FFFFFF

 97A951

 ECFD9F

 7D8E37

 FFFFBA

 62751E

 FFFFD7

 495C00

 FFFFF3

 314400

 172E00

 001B00

 000000

 B3C46A

 B3C46A

 AFC456

 B7C47E

 ACC443

 BAC491

 A8C42F

 BEC4A5

 A4C41C

 C2C4B8

 A0C408

 C6C4CC

 9FC400

 C9C4E0

 CDC4F3

 D1C4FF

 D4C4FF

Harmonies

Analogous

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



DEB664



B3C46A



7FCD87

Triad

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



B3C46A



00CDFE



FF99C6

Complementary

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



B3C46A



7B6AC4

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.



EBA3EF



B3C46A



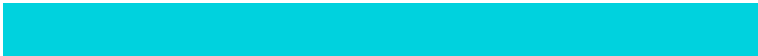
64C3FF

Square

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



B3C46A



00D2DE



B4B3FF



FF9B9A

Rectangle

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



B3C46A



54D1A3



B4B3FF



FF9BD4

Sweetspot

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



B3C46A



F8FFDB



C47B6A



7B806A



000000



808080

Same Dimension

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



B3C46A



E5FF73



87C46A



5F6157



82A100



1B2100

Inverse Universe

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



7B6AC4



8D73FF



A86AC4



595761



1E00A1



060021

Previews

White Background



This preview shows how the Hex color B3C46A looks on a white background.

Color Contrast Check

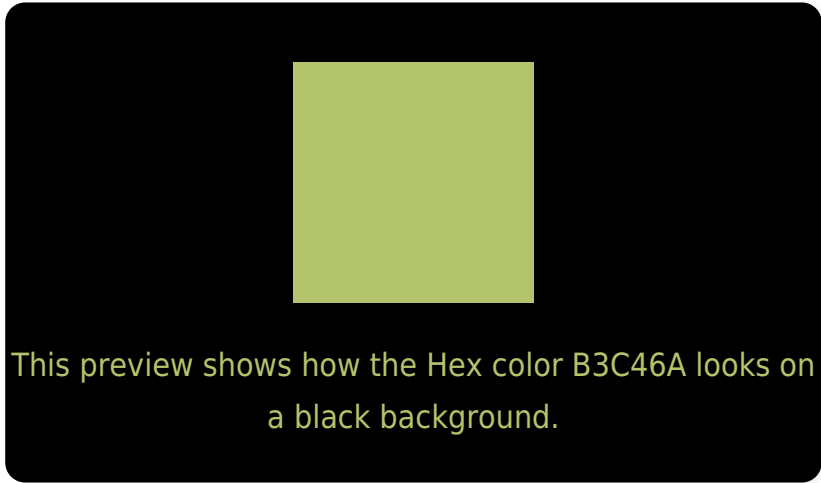
Large Text (above 18pt) WCAG AA × Fail

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

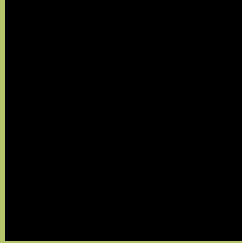
Any Text WCAG AA ✓ Pass

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 B3C46A Background



This preview shows how black text looks on a background with the Hex color B3C46A.

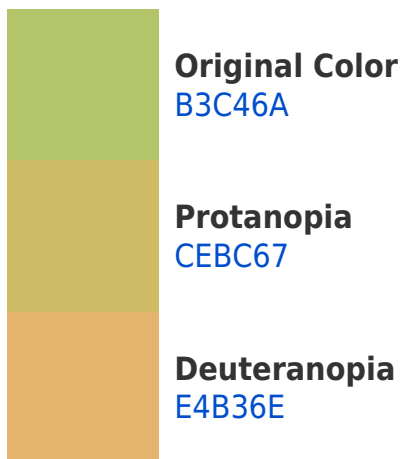


This preview shows how white text looks on a background with the Hex color B3C46A.

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](#).

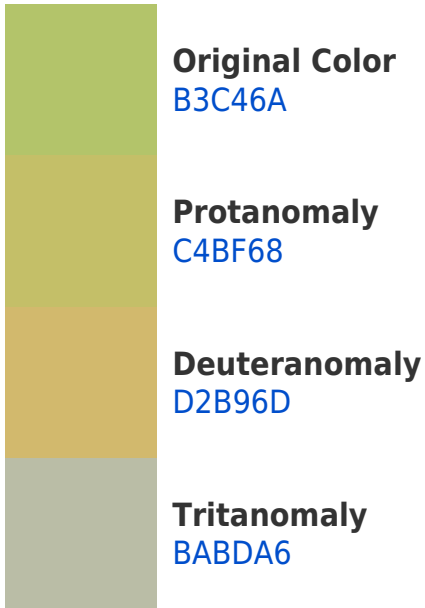
Dichromacy





Tritanopia
BEB9C8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B3C46A 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 #B3C46A looks like.

```
.text, #text, p{  
    color:#B3C46A  
}
```

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 #B3C46A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B3C46A
}
```

Border

The CSS property to change the border of an element to Hex B3C46A 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
#B3C46A }
```

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

```
.border{ border-color:#B3C46A }
```

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

Here you see how a box with a 4 pixel #B3C46A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B3C46A; -webkit-box-shadow:4px 4px  
4px 4px #B3C46A; box-shadow:4px 4px 4px  
4px #B3C46A }
```

Background

The CSS property to change the background color of an element to Hex B3C46A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B3C46A }
```

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

```
.background{ background-color:#B3C46A }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor