

Converting Colors

Hex(B4C45A)

Have a look what the booklet for
Hex(B4C45A) contains.

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Color

Hex(B4C45A)

Conversions

Conversions Part 1

Format	Color
Hex	B4C45A
RGB	180, 196, 90
RGB Percent	71%, 77%, 35%
CMY	0.2941, 0.2314, 0.6471
CMYK	0.08, 0.00, 0.54, 0.23
HSL	69°, 47%, 56%
HSV	69°, 54%, 77%
XYZ	40.4078, 49.9213, 17.1789
YIQ	179.1320, 24.4900, -36.3580

Conversions

Conversions Part 2

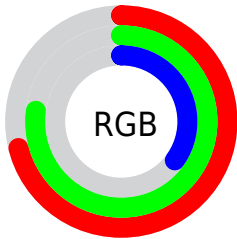
Format	Color
RYB	90, 196, 106
Decimal	11846746
CIELab	76.02, -20.68, 50.59
CIELCh	76, 54.649, 112.234
Yxy	49.9213, 0.3759, 0.4643
Android (android.graphics.Color)	4290036826 (0xFFB4C45A)
YUV	179.1320, -43.9421, 0.7612
Hunter-Lab	70.6550, -21.5617, 35.0429

Details

The Hex color **B4C45A** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted chartreuse. A complement of this color would be **6A5AC4**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **EEFD8F**, and **7D8E25** is the 20% darker color. If you saturate the color by 10%, you get **B1C446**, and if you desaturate by 10%, it is **B7C46E**.

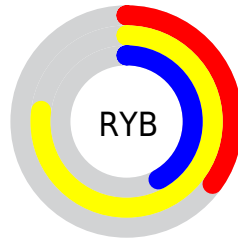
Distribution



Red (71%)

Green (77%)

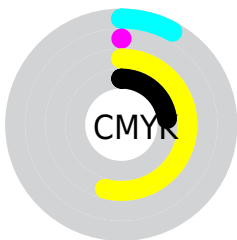
Blue (35%)



Red (35%)

Yellow (77%)

Blue (42%)

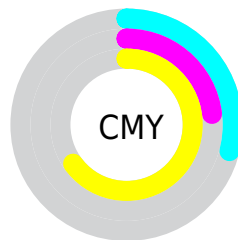


Cyan (8%)

Magenta (0%)

Yellow (54%)

Black (23%)



Cyan (29%)

Magenta (23%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color B4C45A 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 B4C45A by changing the saturation by 10% instead.

 B4C45A

 B4C45A

FFFFFF

 98A940

 EEFD8F

 7D8E25

 FFFFFA

 627503

 FFFFC6

 485C00

 FFFF E3

 2F4500

 152E00

 001B00

 000000

 B4C45A

 B4C45A

 B1C446

 B7C46E

 AEC433

 BAC481

 ABC41F

 BDC495

 A8C40C

 C0C4A8

 A6C400

 C3C4BC

 C6C4D0

 C9C4E3

 CCC4F7

 CFC4FF

Harmonies

Analogous

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



E5B455



B4C45A



78CF7B

Triad

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



B4C45A



00D0FF



FF92CB

Complementary

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



B4C45A



6A5AC4

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.



EDA0FA



B4C45A



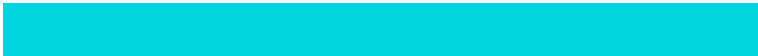
32C5FF

Square

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



B4C45A



00D5E0



AAB3FF



FF9398

Rectangle

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



B4C45A



3DD39B



AAB3FF



FF95DB

Sweetspot

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



B4C45A



F9FFD6



C46A5A



7C8067



000000



808080

Same Dimension

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



B4C45A



E6FF59



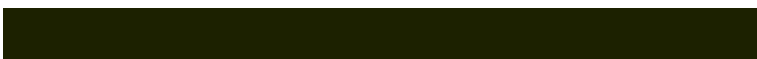
7FC45A



5F6157



88A100



1C2100

Inverse Universe

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



6A5AC4



7259FF



9F5AC4



595761



1800A1



050021

Previews

White Background



This preview shows how the Hex color B4C45A looks on a white background.

Color Contrast Check

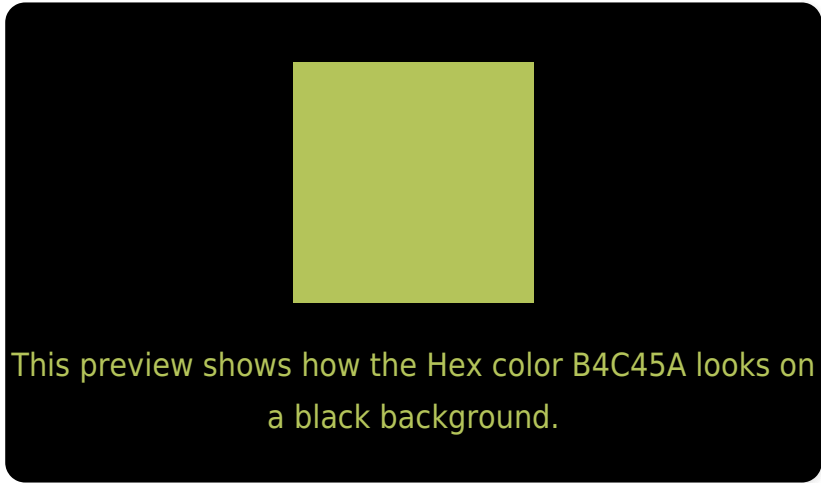
Large Text (above 18pt) WCAG AA × Fail

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

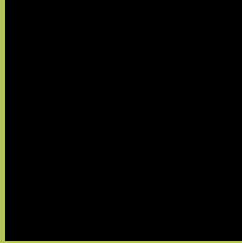
Any Text WCAG AA ✓ Pass

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 B4C45A Background



This preview shows how black text looks on a background with the Hex color B4C45A.

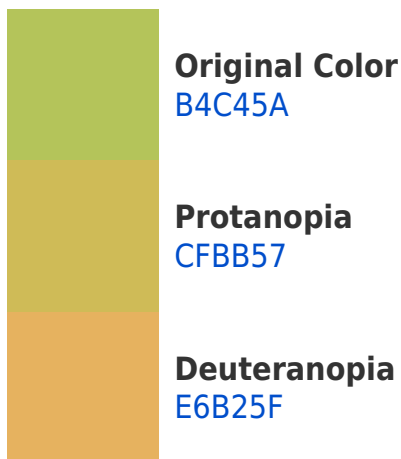


This preview shows how white text looks on a background with the Hex color B4C45A.

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](#).

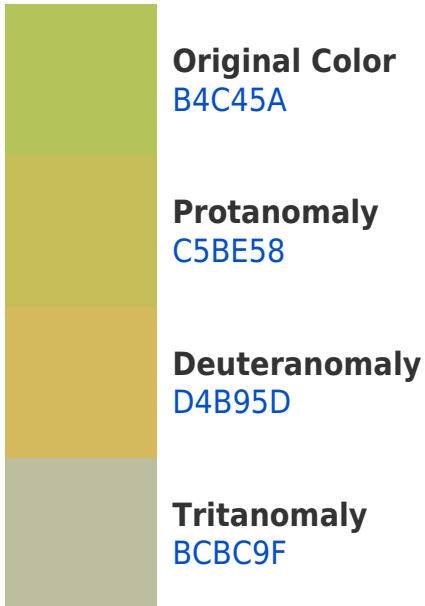
Dichromacy



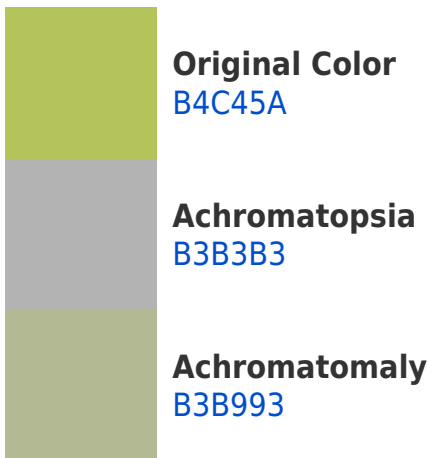


Tritanopia
C0B8C7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B4C45A 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 #B4C45A looks like.

```
.text, #text, p{  
    color:#B4C45A  
}
```

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 #B4C45A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B4C45A
}
```

Border

The CSS property to change the border of an element to Hex B4C45A 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
#B4C45A }
```

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

```
.border{ border-color:#B4C45A }
```

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

Here you see how a box with a 4 pixel #B4C45A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B4C45A; -webkit-box-shadow:4px 4px  
4px 4px #B4C45A; box-shadow:4px 4px 4px  
4px #B4C45A }
```

Background

The CSS property to change the background color of an element to Hex B4C45A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B4C45A }
```

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

```
.background{ background-color:#B4C45A }
```

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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