

Converting Colors

Hex(4BC246)

Have a look what the booklet for
Hex(4BC246) contains.

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Color

Hex(4BC246)

Conversions

Conversions Part 1

Format	Color
Hex	4BC246
RGB	75, 194, 70
RGB Percent	29%, 76%, 27%
CMY	0.7059, 0.2392, 0.7255
CMYK	0.61, 0.00, 0.64, 0.24
HSL	118°, 50%, 52%
HSV	118°, 64%, 76%
XYZ	23.2989, 40.5216, 12.3878
YIQ	144.2830, -31.1200, -63.7920

Conversions

Conversions Part 2

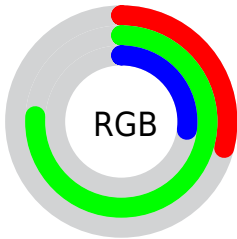
Format	Color
RYB	70, 194, 189
Decimal	4964934
CIELab	69.84, -57.08, 51.09
CIELCh	70, 76.600, 138.169
Yxy	40.5216, 0.3057, 0.5317
Android (android.graphics.Color)	4283155014 (0xFF4BC246)
YUV	144.2830, -36.6215, -60.7612
Hunter-Lab	63.6566, -46.0663, 33.0215

Details

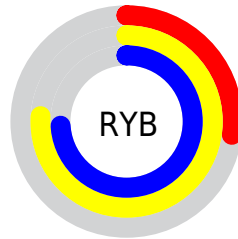
The Hex color **4BC246** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted green. A complement of this color would be **BD46C2**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **88FC7B**, and **008B09** is the 20% darker color. If you saturate the color by 10%, you get **38C233**, and if you desaturate by 10%, it is **5EC259**.

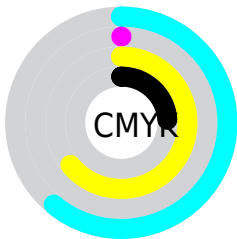
Distribution



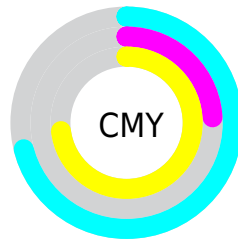
- Red (29%)
- Green (76%)
- Blue (27%)



- Red (27%)
- Yellow (76%)
- Blue (74%)



- Cyan (61%)
- Magenta (0%)
- Yellow (64%)
- Black (24%)



- Cyan (71%)
- Magenta (24%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4BC246 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 4BC246 by changing the saturation by 10% instead.

 4BC246

 4BC246

FFFFFF

 27A62B

 88FC7B

 008B09

 A5FF96

 007100

 C3FFB2

 005700

 E1FFCE

 003E00

 FFFFEB

 002700

 000000

 4BC246

 4BC246

 38C233

 5EC259

 26C21F

 70C26D

 13C20C

 83C280

 08C200

 95C294

 A8C2A7

 BBC2BA

 CDC2CE

 E0C2E1

 F3C2F5

Harmonies

Analogous

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



A4B400



4BC246



00C98C

Triad

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



4BC246



00BBFF



FF6584

Complementary

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



4BC246



BD46C2

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.



FF67C9



4BC246



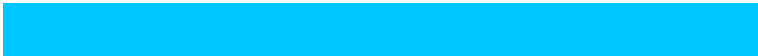
6DA4FF

Square

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



4BC246



00C7FF



E284FF



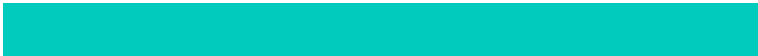
FF8044

Rectangle

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



4BC246



00CBBC



E284FF



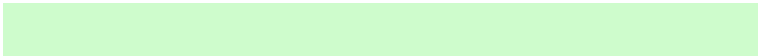
FF629B

Sweetspot

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



4BC246



CEFCCC



C2BC46



638062



000000



808080

Same Dimension

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



4BC246



42FC3A



46C27E



586157



06A100



012100

Inverse Universe

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



BD46C2



F53AFC



C2468A



615761



9A00A1



200021

Previews

White Background



This preview shows how the Hex color 4BC246 looks on a white background.

Color Contrast Check

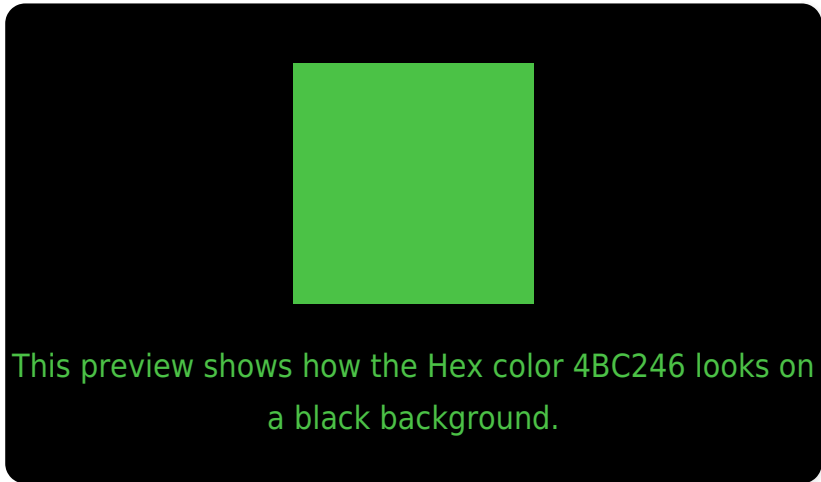
Large Text (above 18pt) WCAG AA × Fail

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

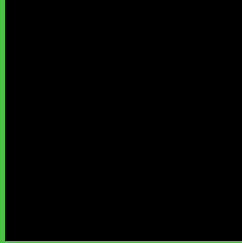
Any Text WCAG AA ✓ Pass

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 4BC246 Background



This preview shows how black text looks on a background with the Hex color 4BC246.

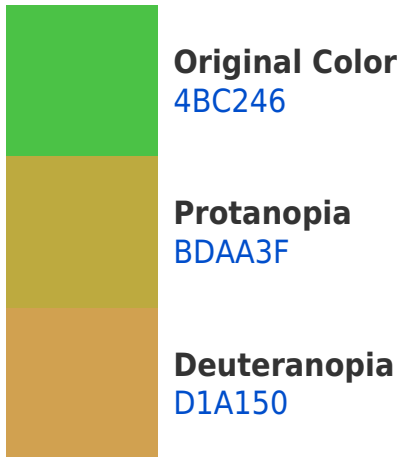


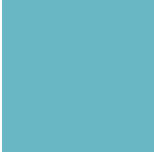
This preview shows how white text looks on a background with the Hex color 4BC246.

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
69B6C4

Trichromacy



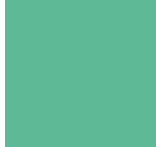
Original Color
4BC246



Protanomaly
94B342



Deuteranomaly
A0AD4C



Tritanomaly
5EBA96

Monochromacy



Original Color
4BC246



Achromatopsia
909090



Achromatomaly
77A275

CSS Examples

Text

The CSS property to change the color of the text to Hex 4BC246 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 #4BC246 looks like.

```
.text, #text, p{  
    color:#4BC246  
}
```

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 #4BC246 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4BC246
}
```

Border

The CSS property to change the border of an element to Hex 4BC246 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
#4BC246 }
```

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

```
.border{ border-color:#4BC246 }
```

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

Here you see how a box with a 4 pixel #4BC246 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4BC246; -webkit-box-shadow:4px 4px  
4px 4px #4BC246; box-shadow:4px 4px 4px  
4px #4BC246 }
```

Background

The CSS property to change the background color of an element to Hex 4BC246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4BC246 }
```

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

```
.background{ background-color:#4BC246 }
```

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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