

# Converting Colors

Hex(4BB349)

Have a look what the booklet for  
Hex(4BB349) contains.

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**Color**

**Hex(4BB349)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4BB349
RGB	75, 179, 73
RGB Percent	29%, 70%, 29%
CMY	0.7059, 0.2980, 0.7137
CMYK	0.58, 0.00, 0.59, 0.30
HSL	119°, 42%, 49%
HSV	119°, 59%, 70%
XYZ	20.2243, 34.2171, 11.8420
YIQ	135.8200, -27.9580, -55.0140

# Conversions

## Conversions Part 2

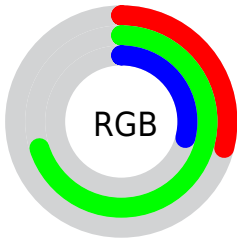
Format	Color
<a href="#">RYB</a>	<a href="#">73, 179, 177</a>
Decimal	<a href="#">4961097</a>
CIELab	<a href="#">65.13, -51.21, 44.42</a>
CIELCh	<a href="#">65, 67.795, 139.064</a>
Yxy	<a href="#">34.2171, 0.3051, 0.5162</a>
Android (android.graphics.Color)	<a href="#">4283151177 (0xFF4BB349)</a>
YUV	<a href="#">135.8200, -30.9703, -53.3391</a>
Hunter-Lab	<a href="#">58.4954, -40.6518, 28.9439</a>

# Details

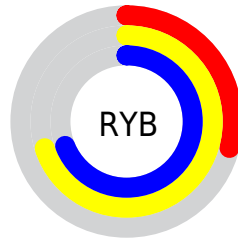
The Hex color **4BB349** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **B149B3**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **85EC7D**, and **007D14** is the 20% darker color. If you saturate the color by 10%, you get **39B337**, and if you desaturate by 10%, it is **5DB35B**.

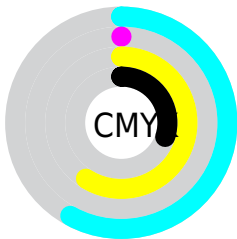
# Distribution



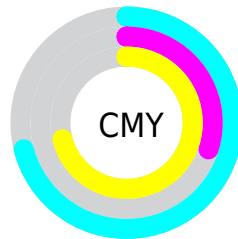
- Red (29%)
- Green (70%)
- Blue (29%)



- Red (29%)
- Yellow (70%)
- Blue (69%)



- Cyan (58%)
- Magenta (0%)
- Yellow (59%)
- Black (30%)



- Cyan (71%)
- Magenta (30%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4BB349 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 4BB349 by changing the saturation by 10% instead.





4BB349



4BB349

FFFFFF



2A982F



85EC7D



007D14



A2FF98



006300



BFFF33



004A00



DCFFCF



003300



FAFFEC



001B00



000000



4BB349



4BB349



39B337



5DB35B


 28B325

 6EB36D

 16B313

 80B37F

 05B301

 91B391

 03B300

 A3B3A3

 B4B3B4

 C6B3C6

 D7B3D8

 E9B3EA

# Harmonies

## Analogous

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



97A716



4BB349



00B985

# Triad

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



4BB349



00ACFF



FF657A

# Complementary

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



4BB349



B149B3

# 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.



FF65B7



4BB349



7197FF

# Square

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



4BB349



00B7F9



D17CEE



F87A43

# Rectangle

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



4BB349



00BBAF



D17CEE



FF628E



# Sweetspot

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



4BB349



BFE8BE



B3AF49



5C755B



F5F5F5



757575



# Same Dimension

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



4BB349



46E843



49B37A



505950



039900



001A00



# Inverse Universe

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



B149B3



E543E8



B34982



595059



960099



19001A



# Previews

## White Background



This preview shows how the Hex color 4BB349 looks on a white background.

## Color Contrast Check

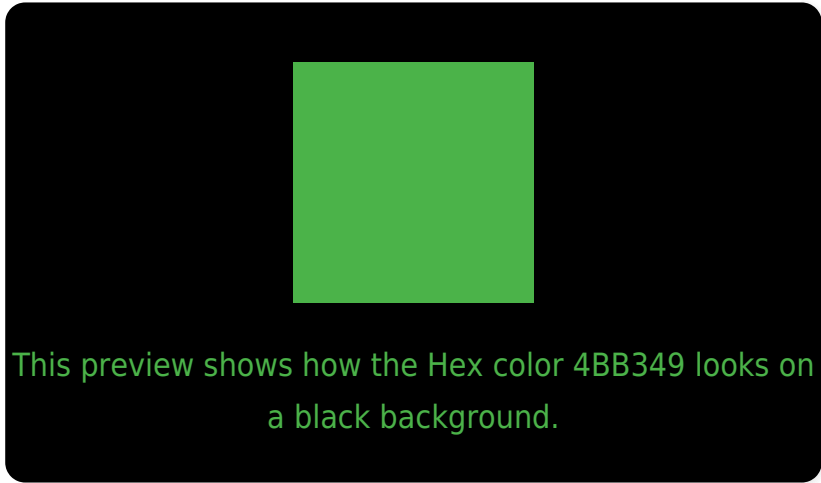
Large Text (above 18pt) WCAG AA × Fail

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

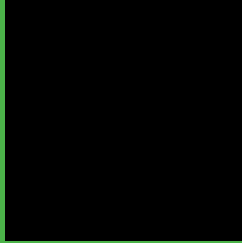
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4BB349 Background



This preview shows how black text looks on a background with the Hex color 4BB349.

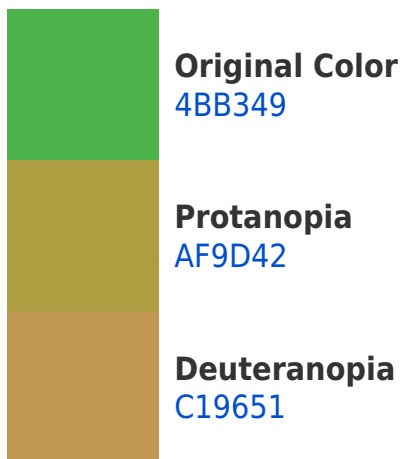


This preview shows how white text looks on a background with the Hex color 4BB349.

# 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](#).

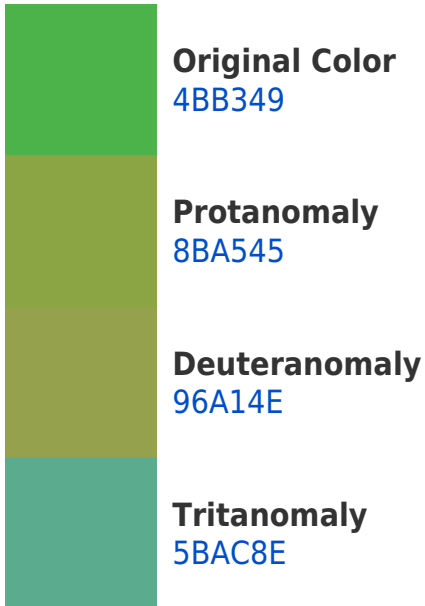
## Dichromacy



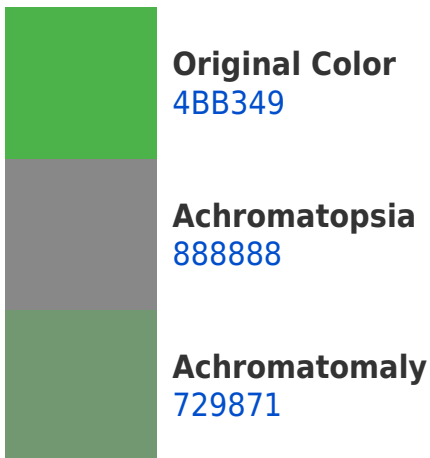


**Tritanopia**  
64A8B5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4BB349 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 #4BB349 looks like.

```
.text, #text, p{  
    color:#4BB349  
}
```

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 #4BB349 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4BB349
}
```

## Border

The CSS property to change the border of an element to Hex 4BB349 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
#4BB349 }
```

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

```
.border{ border-color:#4BB349 }
```

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

Here you see how a box with a 4 pixel #4BB349 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4BB349; -webkit-box-shadow:4px 4px  
4px 4px #4BB349; box-shadow:4px 4px 4px  
4px #4BB349 }
```

# Background

The CSS property to change the background color of an element to Hex 4BB349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4BB349 }
```

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

```
.background{ background-color:#4BB349 }
```

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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