

Converting Colors

Hex(4CB347)

Have a look what the booklet for
Hex(4CB347) contains.

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Color

Hex(4CB347)

Conversions

Conversions Part 1

Format	Color
Hex	4CB347
RGB	76, 179, 71
RGB Percent	30%, 70%, 28%
CMY	0.7020, 0.2980, 0.7216
CMYK	0.58, 0.00, 0.60, 0.30
HSL	117°, 43%, 49%
HSV	117°, 60%, 70%
XYZ	20.2379, 34.2316, 11.5020
YIQ	135.8910, -26.7200, -55.4240

Conversions

Conversions Part 2

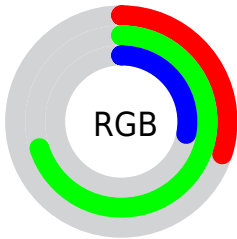
Format	Color
RYB	71, 179, 174
Decimal	5026631
CIELab	65.15, -51.20, 45.36
CIElCh	65, 68.403, 138.458
Yxy	34.2316, 0.3068, 0.5189
Android (android.graphics.Color)	4283216711 (0xFF4CB347)
YUV	135.8910, -31.9913, -52.5244
Hunter-Lab	58.5078, -40.6453, 29.2997

Details

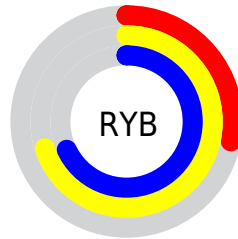
The Hex color **4CB347** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **AE47B3**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **86EC7B**, and **007D10** is the 20% darker color. If you saturate the color by 10%, you get **3BB335**, and if you desaturate by 10%, it is **5DB359**.

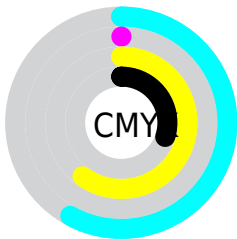
Distribution



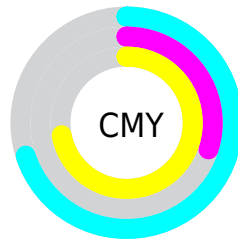
- Red (30%)
- Green (70%)
- Blue (28%)



- Red (28%)
- Yellow (70%)
- Blue (68%)



- Cyan (58%)
- Magenta (0%)
- Yellow (60%)
- Black (30%)



- Cyan (70%)
- Magenta (30%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4CB347 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 4CB347 by changing the saturation by 10% instead.



4CB347



4CB347

FFFFFF



2C982D



86EC7B



007D10



A3FF96



006300



C0FFB1



004A00



DFFFCF



003300



FBFFEA



001B00



000000



4CB347



4CB347



3BB335



5DB359

 2AB323

 6EB36B

 19B311

 7FB37D

 08B300

 90B38F

 A1B3A1

 B2B3B2

 C3B3C4

 D5B3D6

 E6B3E8

Harmonies

Analogous

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



98A712



4CB347



00B984

Triad

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



4CB347



00ACFF



FF647B

Complementary

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



4CB347



AE47B3

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.



FF65B8



4CB347



6D98FF

Square

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



4CB347



00B7F9



D07CF0



F97943

Rectangle

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



4CB347



00BBAE



D07CF0



FF618F

Sweetspot

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



4CB347



C0E8BE



B3AE47



5D755B



F5F5F5



757575

Same Dimension

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



4CB347



49E841



47B378



515950



079900



011A00

Inverse Universe

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



AE47B3



E041E8



B34782



595059



920099



18001A

Previews

White Background



This preview shows how the Hex color 4CB347 looks on a white background.

Color Contrast Check

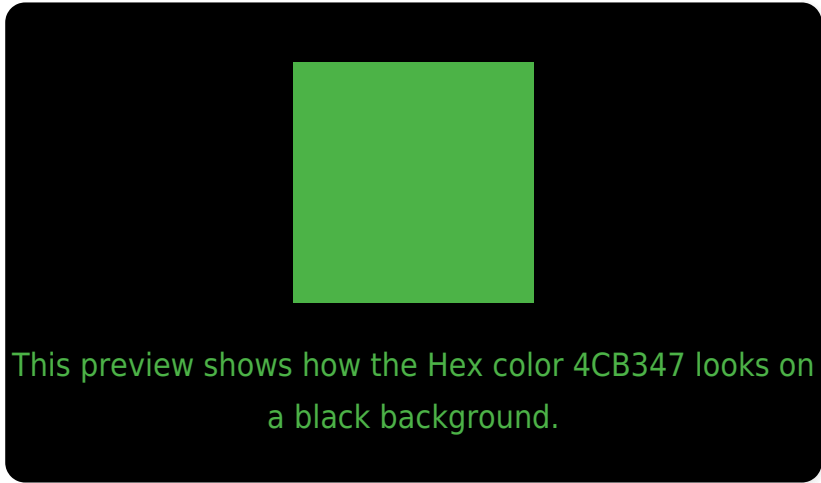
Large Text (above 18pt) WCAG AA × Fail

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

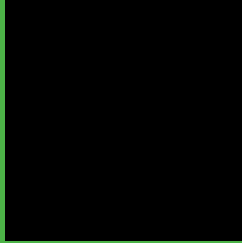
Any Text WCAG AA ✓ Pass

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 4CB347 Background



This preview shows how black text looks on a background with the Hex color 4CB347.

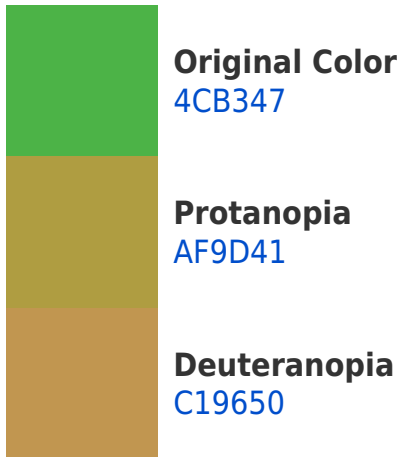


This preview shows how white text looks on a background with the Hex color 4CB347.

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
65A8B5

Trichromacy



Original Color
4CB347



Protanomaly
8BA543



Deuteranomaly
96A14D



Tritanomaly
5CAC8D

Monochromacy



Original Color
4CB347



Achromatopsia
888888



Achromatomaly
729870

CSS Examples

Text

The CSS property to change the color of the text to Hex 4CB347 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 #4CB347 looks like.

```
.text, #text, p{  
    color:#4CB347  
}
```

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 #4CB347 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4CB347
}
```

Border

The CSS property to change the border of an element to Hex 4CB347 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
#4CB347 }
```

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

```
.border{ border-color:#4CB347 }
```

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

Here you see how a box with a 4 pixel #4CB347 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4CB347; -webkit-box-shadow:4px 4px  
4px 4px #4CB347; box-shadow:4px 4px 4px  
4px #4CB347 }
```

Background

The CSS property to change the background color of an element to Hex 4CB347 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4CB347 }
```

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

```
.background{ background-color:#4CB347 }
```

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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