

# Converting Colors

Hex(4BA347)

Have a look what the booklet for  
Hex(4BA347) contains.

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# Color

Hex(4BA347)

# Conversions

## Conversions Part 1

Format	Color
Hex	4BA347
RGB	75, 163, 71
RGB Percent	29%, 64%, 28%
CMY	0.7059, 0.3608, 0.7216
CMYK	0.54, 0.00, 0.56, 0.36
HSL	117°, 39%, 46%
HSV	117°, 56%, 64%
XYZ	17.1362, 28.1452, 10.4906
YIQ	126.2000, -22.9160, -47.2680

# Conversions

## Conversions Part 2

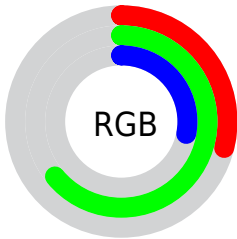
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	71, 163, 159
Decimal	4956999
CIE <sub>Lab</sub>	60.02, -45.21, 39.38
CIE <sub>LCh</sub>	60, 59.955, 138.941
Yxy	28.1452, 0.3073, 0.5046
Android (android.graphics.Color)	4283147079 (0xFF4BA347)
YUV	126.2000, -27.2136, -44.9024
Hunter-Lab	53.0520, -35.1843, 25.4123

# Details

The Hex color **4BA347** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **9F47A3**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **83DB7A**, and **016E14** is the 20% darker color. If you saturate the color by 10%, you get **3BA337**, and if you desaturate by 10%, it is **5BA357**.

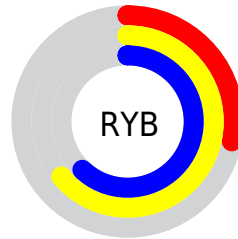
# Distribution



Red (29%)

Green (64%)

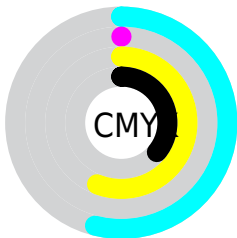
Blue (28%)



Red (28%)

Yellow (64%)

Blue (62%)

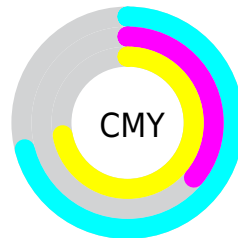


Cyan (54%)

Magenta (0%)

Yellow (56%)

Black (36%)



Cyan (71%)

Magenta (36%)

Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4BA347 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 4BA347 by changing the saturation by 10% instead.





4BA347



4BA347

FFFFFF



2D882E



83DB7A



016E14



9FF794



005500



BBFFB0



003D00



D8FFCC



002800



F6FFE8



000000



4BA347



4BA347



3BA337



5BA357



2CA326



6AA368

■ 1CA316

■ 7AA378

■ 0DA306

■ 89A388

■ 07A300

■ 99A399

■ A9A3A9

■ B8A3B9

■ C8A3C9

■ D7A3DA

# Harmonies

## Analogous

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



8C9820



4BA347



00A97B

# Triad

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



4BA347



009CF8



F06071

# Complementary

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



4BA347



9F47A3

# 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.



E661A7



4BA347



6C8BF5

# Square

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



4BA347



00A6DF



BD74D7



E07242

# Rectangle

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



4BA347



00AA9F



BD74D7



F05E83



# Sweetspot

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



4BA347



B1D4B0



A39E47



576B56



EBEBEB



6B6B6B



# Same Dimension

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



4BA347



4AD444



47A370



4A5249



069100



011200



# Inverse Universe

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



9F47A3



CD44D4



A3477A



514952



8B0091



110012



# Previews

## White Background



This preview shows how the Hex color 4BA347 looks on a white background.

## Color Contrast Check

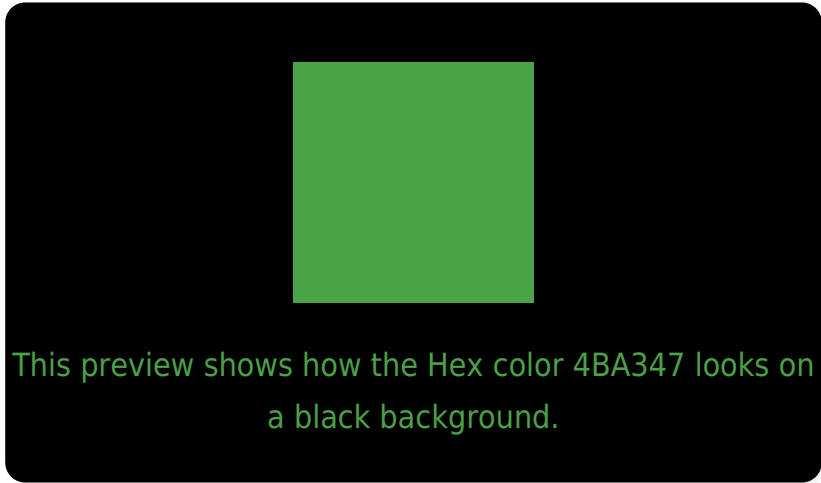
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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



## Hex 4BA347 Background



This preview shows how black text looks on a background with the Hex color 4BA347.



This preview shows how white text looks on a background with the Hex color 4BA347.

# 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



**Original Color**  
4BA347

**Protanopia**  
A09041

**Deuteranopia**  
B0894E



**Tritanopia**  
6099A5

# Trichromacy



**Original Color**

4BA347



**Protanomaly**

819743



**Deuteranomaly**

8B924B



**Tritanomaly**

589D83

# Monochromacy



**Original Color**

4BA347



**Achromatopsia**

7E7E7E



**Achromatomaly**

6B8B6A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4BA347 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 #4BA347 looks like.

```
.text, #text, p{  
    color:#4BA347  
}
```

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 #4BA347 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4BA347
}
```

## Border

The CSS property to change the border of an element to Hex 4BA347 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
#4BA347 }
```

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

```
.border{ border-color:#4BA347 }
```

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

Here you see how a box with a 4 pixel #4BA347 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4BA347; -webkit-box-shadow:4px 4px  
4px 4px #4BA347; box-shadow:4px 4px 4px  
4px #4BA347 }
```

# Background

The CSS property to change the background color of an element to Hex 4BA347 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4BA347 }
```

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

```
.background{ background-color:#4BA347 }
```

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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