

# Converting Colors

Hex(3BA74B)

Have a look what the booklet for  
Hex(3BA74B) contains.

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**Color**

**Hex(3BA74B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3BA74B
RGB	59, 167, 75
RGB Percent	23%, 65%, 29%
CMY	0.7686, 0.3451, 0.7059
CMYK	0.65, 0.00, 0.55, 0.35
HSL	129°, 48%, 44%
HSV	129°, 65%, 65%
XYZ	16.8923, 29.0752, 11.3784
YIQ	124.2200, -34.8360, -51.5080

# Conversions

## Conversions Part 2

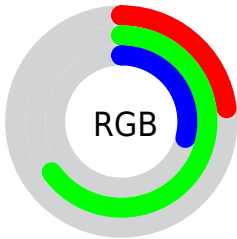
<b>Format</b>	<b>Color</b>
<b>RYB</b>	59, 153, 167
Decimal	3909451
CIELab	60.85, -50.12, 38.29
CIELCh	61, 63.077, 142.622
Yxy	29.0752, 0.2946, 0.5070
Android (android.graphics.Color)	4282099531 (0xFF3BA74B)
YUV	124.2200, -24.2655, -57.1979
Hunter-Lab	53.9215, -38.4426, 25.2338

# Details

The Hex color **3BA74B** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **A73B97**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **76DF7E**, and **007219** is the 20% darker color. If you saturate the color by 10%, you get **2AA73D**, and if you desaturate by 10%, it is **4CA759**.

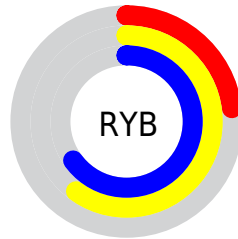
# Distribution



Red (23%)

Green (65%)

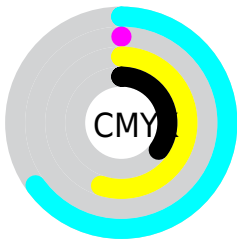
Blue (29%)



Red (23%)

Yellow (60%)

Blue (65%)

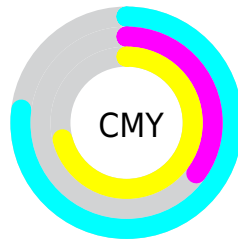


Cyan (65%)

Magenta (0%)

Yellow (55%)

Black (35%)



Cyan (77%)

Magenta (35%)

Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3BA74B 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 3BA74B by changing the saturation by 10% instead.



 3BA74B

 3BA74B


FFFFFF

 148C32

 76DF7E

 007219

 93FC99

 005800


 B0FFB4

 004000

 CDFFD0

 002A00

 EAF FEC

 000600

 000000

 3BA74B

 3BA74B

 2AA73D

 4CA759

 1AA72F

 5CA767

 09A720

 6DA776

 00A719

 7EA784

 8EA792

 9FA7A0

 B0A7AF

 C1A7BD

 D1A7CB

# Harmonies

## Analogous

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



869C1C



3BA74B



00AC83

# Triad

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



3BA74B



009DFF



F6606B

# Complementary

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



3BA74B



A73B97

# 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.



F05EA3



3BA74B



788AFA

# Square

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



3BA74B



00A9EB



C971D7



E2753A

# Rectangle

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



3BA74B



00ADA9



C971D7



F75D7E



# Sweetspot

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



3BA74B



B0D9B6



99A73B



546E58



EDEDED



6E6E6E



# Same Dimension

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



3BA74B



30D949



3BA77F



4C544D



009416



001403



# Inverse Universe

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



A73B97



D930C0



A73B63



544C53



94007E



140011



# Previews

## White Background



This preview shows how the Hex color 3BA74B looks on a white background.

## Color Contrast Check

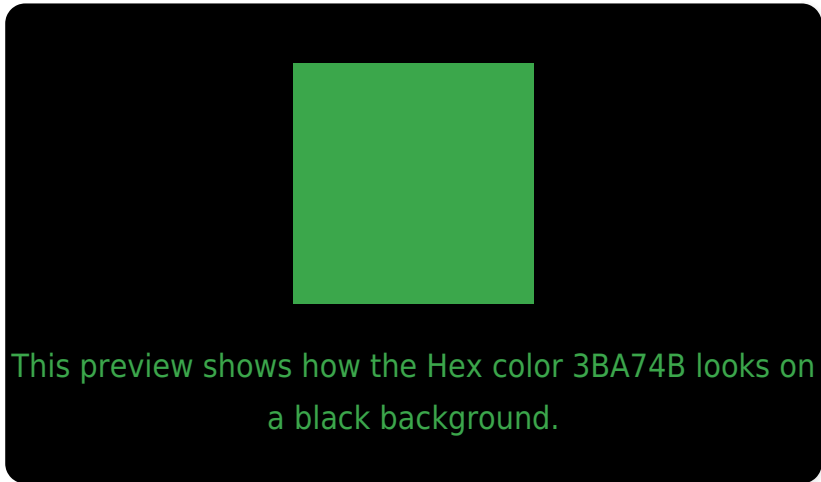
Large Text (above 18pt) WCAG AA ✓ Pass

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

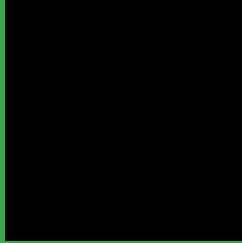
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 3BA74B Background



This preview shows how black text looks on a background with the Hex color 3BA74B.

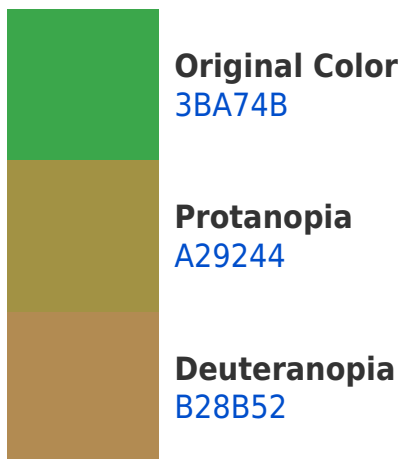


This preview shows how white text looks on a background with the Hex color 3BA74B.

# 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





# Trichromacy



**Original Color**  
3BA74B



**Protanomaly**  
7D9A47



**Deuteranomaly**  
87954F



**Tritanomaly**  
4CA187

# Monochromacy



**Original Color**  
3BA74B



**Achromatopsia**  
7C7C7C



**Achromatomaly**  
648C6A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3BA74B 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 #3BA74B looks like.

```
.text, #text, p{  
    color:#3BA74B  
}
```

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 #3BA74B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3BA74B
}
```

## Border

The CSS property to change the border of an element to Hex 3BA74B 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
#3BA74B }
```

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

```
.border{ border-color:#3BA74B }
```

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

Here you see how a box with a 4 pixel #3BA74B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3BA74B; -webkit-box-shadow:4px 4px  
4px 4px #3BA74B; box-shadow:4px 4px 4px  
4px #3BA74B }
```

# Background

The CSS property to change the background color of an element to Hex 3BA74B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3BA74B }
```

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

```
.background{ background-color:#3BA74B }
```

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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