

Converting Colors

Hex(3FAB48)

Have a look what the booklet for
Hex(3FAB48) contains.

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Color

Hex(3FAB48)

Conversions

Conversions Part 1

Format	Color
Hex	3FAB48
RGB	63, 171, 72
RGB Percent	25%, 67%, 28%
CMY	0.7529, 0.3294, 0.7176
CMYK	0.63, 0.00, 0.58, 0.33
HSL	125°, 46%, 46%
HSV	125°, 63%, 67%
XYZ	17.7825, 30.6505, 11.1098
YIQ	127.4220, -32.5890, -53.6850

Conversions

Conversions Part 2

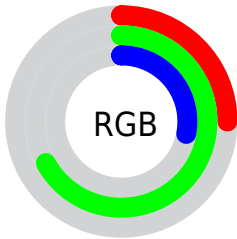
Format	Color
RYB	63, 163, 171
Decimal	4172616
CIELab	62.21, -51.15, 41.39
CIElCh	62, 65.797, 141.019
Yxy	30.6505, 0.2987, 0.5148
Android (android.graphics.Color)	4282362696 (0xFF3FAB48)
YUV	127.4220, -27.3230, -56.4981
Hunter-Lab	55.3629, -39.5509, 26.8561

Details

The Hex color **3FAB48** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **AB3FA2**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **7AE37B**, and **007514** is the 20% darker color. If you saturate the color by 10%, you get **2EAB38**, and if you desaturate by 10%, it is **50AB58**.

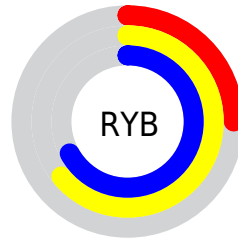
Distribution



Red (25%)

Green (67%)

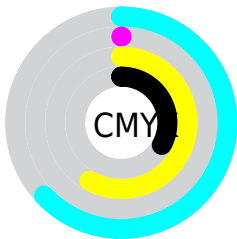
Blue (28%)



Red (25%)

Yellow (64%)

Blue (67%)

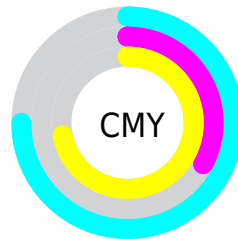


Cyan (63%)

Magenta (0%)

Yellow (58%)

Black (33%)



Cyan (75%)

Magenta (33%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3FAB48 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 3FAB48 by changing the saturation by 10% instead.



3FAB48



3FAB48

FFFFFF



1A902F



7AE37B



007514



97FF96



005C00



B4FFB1



004300



D1FFCD



002D00



EFFFEA



000F00



000000



3FAB48



3FAB48



2EAB38



50AB58

 1DAB29

 61AB67

 0CAB19

 72AB77

 00AB0E

 83AB87

 94AB96

 A6ABA6

 B7ABB6

 C8ABC5

 D9ABD5

Harmonies

Analogous

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



8CA015



3FAB48



00B182

Triad

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



3FAB48



00A2FF



FE6070

Complementary

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



3FAB48



AB3FA2

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.



F65FAB



3FAB48



738EFF

Square

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



3FAB48



00AEF0



CB74E1



EA753C

Rectangle

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



3FAB48



00B2AB



CB74E1



FF5C83

Sweetspot

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



3FAB48



B4DEB7



A2AB3F



567059



F0F0F0



707070

Same Dimension

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



3FAB48



35DE43



3FAB7E



4E574F



00960D



001702

Inverse Universe

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



AB3FA2



DE35D0



AB3F6C



574E56



96008A



170015

Previews

White Background



This preview shows how the Hex color 3FAB48 looks on a white background.

Color Contrast Check

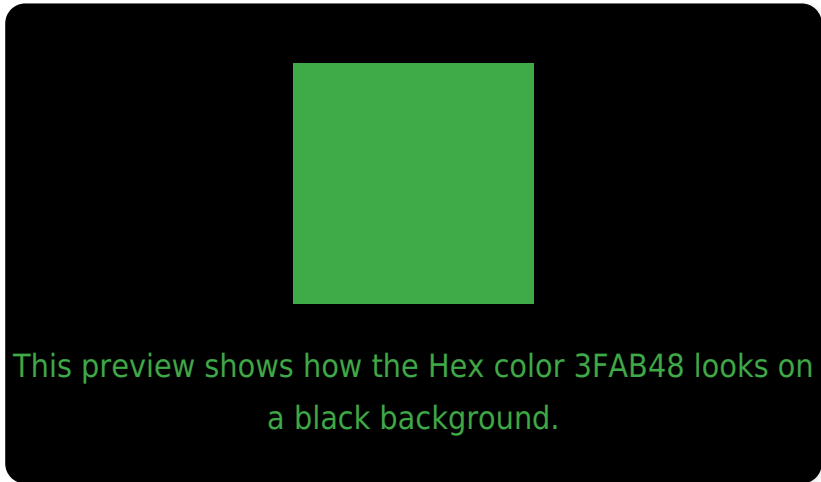
Large Text (above 18pt) WCAG AA × Fail

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 3FAB48 Background



This preview shows how black text looks on a background with the Hex color 3FAB48.



This preview shows how white text looks on a background with the Hex color 3FAB48.

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

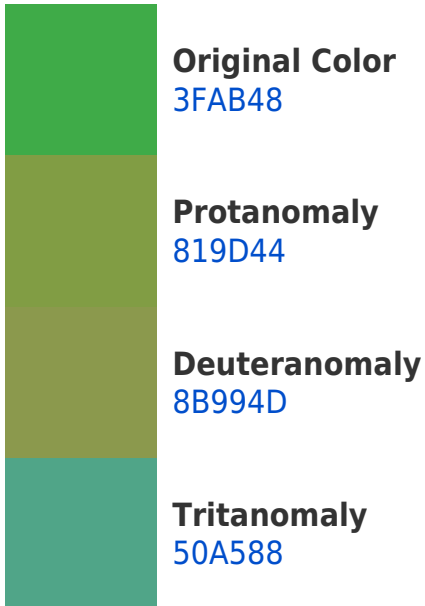


Original Color
3FAB48

Protanopia
A69541

Deuteranopia
B78E50

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3FAB48 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 #3FAB48 looks like.

```
.text, #text, p{  
    color:#3FAB48  
}
```

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 #3FAB48 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3FAB48  
}
```

Border

The CSS property to change the border of an element to Hex 3FAB48 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  
#3FAB48 }
```

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

```
.border{ border-color:#3FAB48 }
```

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

Here you see how a box with a 4 pixel #3FAB48 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3FAB48; -webkit-box-shadow:4px 4px  
4px 4px #3FAB48; box-shadow:4px 4px 4px  
4px #3FAB48 }
```

Background

The CSS property to change the background color of an element to Hex 3FAB48 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3FAB48 }
```

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

```
.background{ background-color:#3FAB48 }
```

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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