

Converting Colors

Hex(3FAB3D)

Have a look what the booklet for
Hex(3FAB3D) contains.

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Color

Hex(3FAB3D)

Conversions

Conversions Part 1

Format	Color
Hex	3FAB3D
RGB	63, 171, 61
RGB Percent	25%, 67%, 24%
CMY	0.7529, 0.3294, 0.7608
CMYK	0.63, 0.00, 0.64, 0.33
HSL	119°, 47%, 45%
HSV	119°, 64%, 67%
XYZ	17.4551, 30.5195, 9.3858
YIQ	126.1680, -29.0580, -57.1060

Conversions

Conversions Part 2

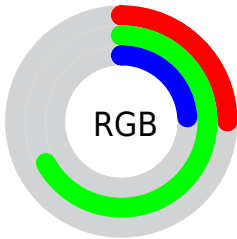
Format	Color
RYB	61, 171, 169
Decimal	4172605
CIELab	62.10, -52.43, 46.31
CIELCh	62, 69.953, 138.550
Yxy	30.5195, 0.3043, 0.5321
Android (android.graphics.Color)	4282362685 (0xFF3FAB3D)
YUV	126.1680, -32.1278, -55.3983
Hunter-Lab	55.2445, -40.2787, 28.5981

Details

The Hex color **3FAB3D** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **A93DAB**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **7BE371**, and **007500** is the 20% darker color. If you saturate the color by 10%, you get **2EAB2C**, and if you desaturate by 10%, it is **50AB4E**.

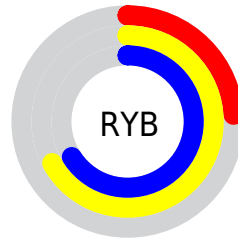
Distribution



Red (25%)

Green (67%)

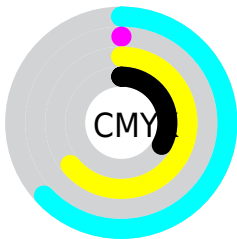
Blue (24%)



Red (24%)

Yellow (67%)

Blue (66%)

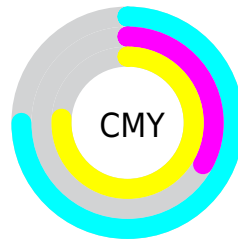


Cyan (63%)

Magenta (0%)

Yellow (64%)

Black (33%)



Cyan (75%)

Magenta (33%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3FAB3D 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 3FAB3D by changing the saturation by 10% instead.

 3FAB3D

 3FAB3D

FFFFFF

 199022

 7BE371

 007500

 98FF8C

 005C00

 B5FFA7

 004300

 D2FFC3

 002D00

 F0FFDF

 000E00

FFFFFFC

 000000

 3FAB3D

 3FAB3D

 2EAB2C

 50AB4E

 1DAB1B

 61AB5F

 0DAB0A

 71AB70

 03AB00

 82AB81

 93AB92

 A4ABA4

 B5ABB5

 C5ABC6

 D6ABD7

Harmonies

Analogous

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



8F9F00



3FAB3D



00B17B

Triad

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



3FAB3D



00A4FF



FF5872

Complementary

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



3FAB3D



A93DAB

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.



F959B1



3FAB3D



6190FF

Square

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



3FAB3D



00AFF2



C873E9



F17039

Rectangle

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



3FAB3D



00B3A7



C873E9



FF5587

Sweetspot

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



3FAB3D



B4DEB4



ABA73D



577056



F0F0F0



707070

Same Dimension

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



3FAB3D



36DE33



3DAB70



4E574E



039600



001700

Inverse Universe

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



A93DAB



DB33DE



AB3D78



574E57



940096



170017

Previews

White Background



This preview shows how the Hex color 3FAB3D looks on a white background.

Color Contrast Check

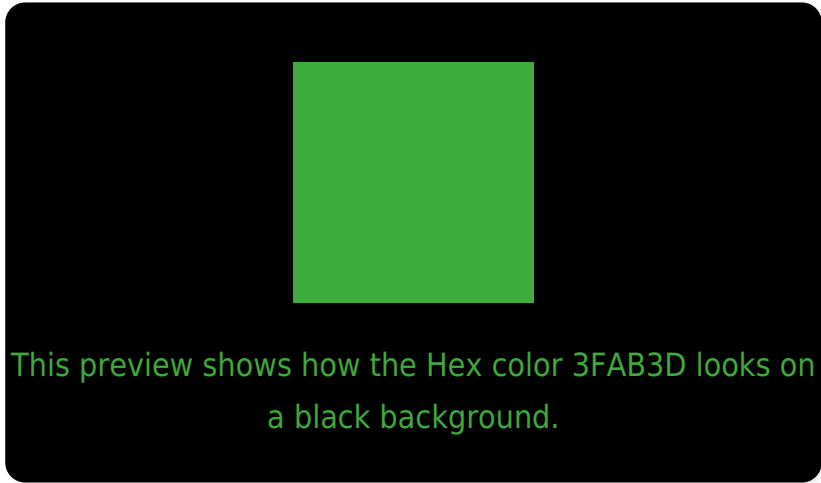
Large Text (above 18pt) WCAG AA × Fail

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 3FAB3D Background



This preview shows how black text looks on a background with the Hex color 3FAB3D.

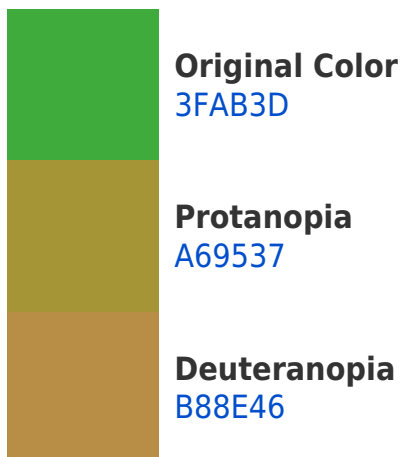


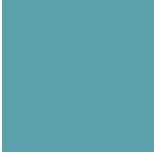
This preview shows how white text looks on a background with the Hex color 3FAB3D.

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](#).

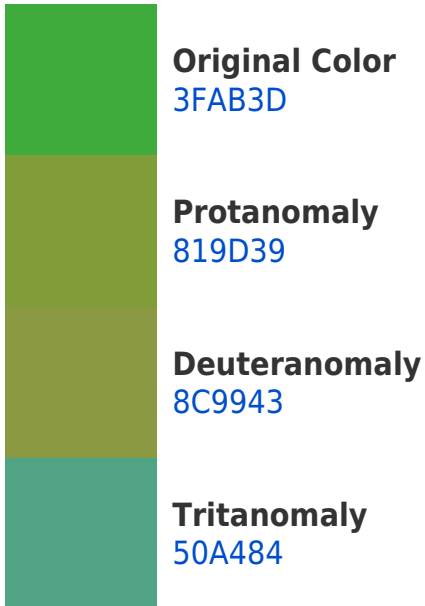
Dichromacy





Tritanopia
5AA0AD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3FAB3D 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 #3FAB3D looks like.

```
.text, #text, p{  
    color:#3FAB3D  
}
```

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 #3FAB3D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3FAB3D
}
```

Border

The CSS property to change the border of an element to Hex 3FAB3D 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
#3FAB3D }
```

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

```
.border{ border-color:#3FAB3D }
```

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

Here you see how a box with a 4 pixel #3FAB3D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3FAB3D; -webkit-box-shadow:4px 4px  
4px 4px #3FAB3D; box-shadow:4px 4px 4px  
4px #3FAB3D }
```

Background

The CSS property to change the background color of an element to Hex 3FAB3D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3FAB3D }
```

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

```
.background{ background-color:#3FAB3D }
```

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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