

Converting Colors

Hex(3FAB5C)

Have a look what the booklet for
Hex(3FAB5C) contains.

Hex(3FAB5C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(3FAB5C)

Conversions

Conversions Part 1

Format	Color
Hex	3FAB5C
RGB	63, 171, 92
RGB Percent	25%, 67%, 36%
CMY	0.7529, 0.3294, 0.6392
CMYK	0.63, 0.00, 0.46, 0.33
HSL	136°, 46%, 46%
HSV	136°, 63%, 67%
XYZ	18.5446, 30.9553, 15.1228
YIQ	129.7020, -39.0090, -47.4650

Conversions

Conversions Part 2

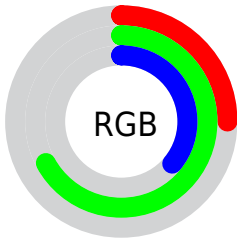
Format	Color
RYB	63, 148, 171
Decimal	4172636
CIELab	62.47, -48.23, 31.72
CIElCh	62, 57.728, 146.671
Yxy	30.9553, 0.2870, 0.4790
Android (android.graphics.Color)	4282362716 (0xFF3FAB5C)
YUV	129.7020, -18.5871, -58.4977
Hunter-Lab	55.6375, -37.8696, 22.8307

Details

The Hex color **3FAB5C** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **AB3F8E**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **7AE38F**, and **00762C** is the 20% darker color. If you saturate the color by 10%, you get **2EAB4F**, and if you desaturate by 10%, it is **50AB69**.

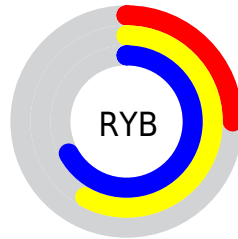
Distribution



Red (25%)

Green (67%)

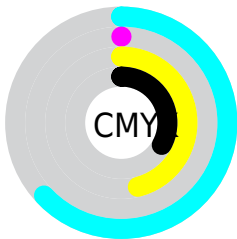
Blue (36%)



Red (25%)

Yellow (58%)

Blue (67%)

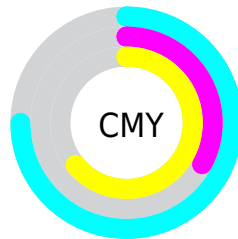


Cyan (63%)

Magenta (0%)

Yellow (46%)

Black (33%)



Cyan (75%)

Magenta (33%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3FAB5C 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 3FAB5C by changing the saturation by 10% instead.

 3FAB5C

 3FAB5C

FFFFFF

 1B9044

 7AE38F

 00762C

 96FFAA

 005C14

 B3FFC6

 004300

 D0FFE2

 002D00

 EEEFFF

 001000

 000000

 3FAB5C

 3FAB5C

 2EAB4F

 50AB69

 1DAB43

 61AB75

 0CAB36

 72AB82

 00AB2E

 83AB8E

 94AB9B

 A6ABA7

 B7ABB4

 C8ABC0

 D9ABCD

Harmonies

Analogous

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



85A234



3FAB5C



00AF8F

Triad

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



3FAB5C



009FFD



F36D6C

Complementary

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



3FAB5C



AB3F8E

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.



F0689F



3FAB5C



8E8CF3

Square

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



3FAB5C



00AAEC



D076D0



DE7F41

Rectangle

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



3FAB5C



00B0B3



D076D0



F5697D

Sweetspot

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



3FAB5C



B4DEBF



8EAB3F



56705D



F0F0F0



707070

Same Dimension

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



3FAB5C



35DE63



3FAB92



4E5750



009628



001706

Inverse Universe

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



AB3F8E



DE35B1



AB3F58



574E54



96006E



170011

Previews

White Background



This preview shows how the Hex color 3FAB5C looks on a white background.

Color Contrast Check

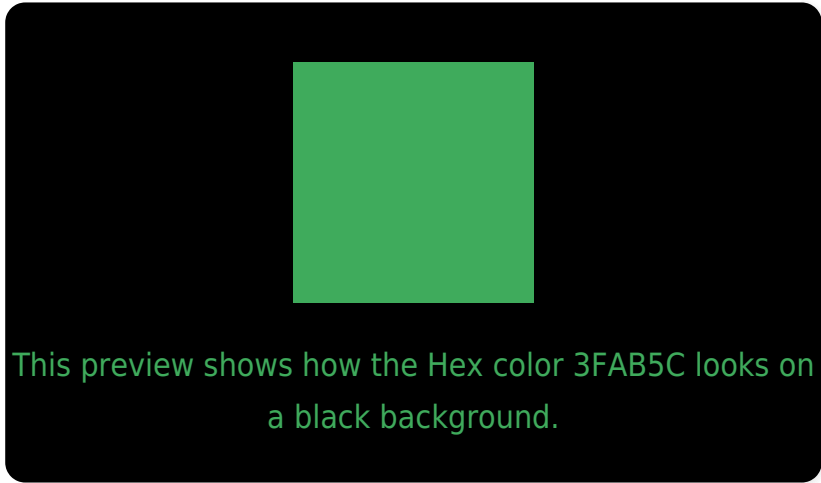
Large Text (above 18pt) WCAG AA × Fail

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 3FAB5C Background



This preview shows how black text looks on a background with the Hex color 3FAB5C.

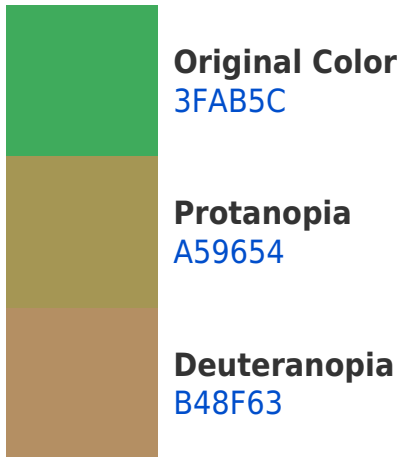


This preview shows how white text looks on a background with the Hex color 3FAB5C.

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](#).

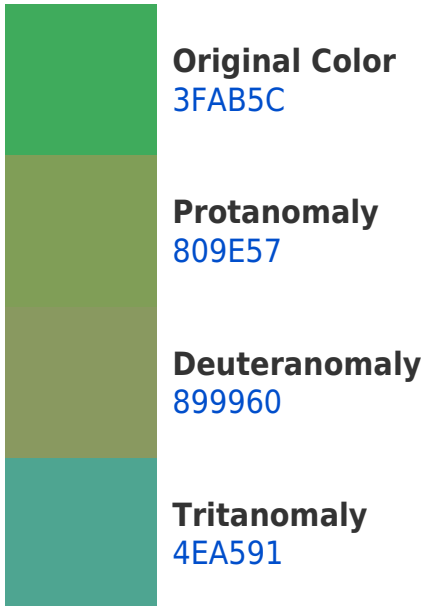
Dichromacy



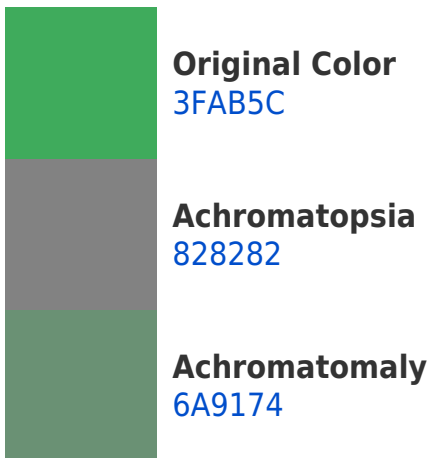


Tritanopia
57A2AF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3FAB5C 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 #3FAB5C looks like.

```
.text, #text, p{  
    color:#3FAB5C  
}
```

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 #3FAB5C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3FAB5C
}
```

Border

The CSS property to change the border of an element to Hex 3FAB5C 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
#3FAB5C }
```

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

```
.border{ border-color:#3FAB5C }
```

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

Here you see how a box with a 4 pixel #3FAB5C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3FAB5C; -webkit-box-shadow:4px 4px  
4px 4px #3FAB5C; box-shadow:4px 4px 4px  
4px #3FAB5C }
```

Background

The CSS property to change the background color of an element to Hex 3FAB5C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3FAB5C }
```

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

```
.background{ background-color:#3FAB5C }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor