

Converting Colors

Hex(3FAA45)

Have a look what the booklet for
Hex(3FAA45) contains.

Hex(3FAA45)	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(3FAA45)

Conversions

Conversions Part 1

Format	Color
Hex	3FAA45
RGB	63, 170, 69
RGB Percent	25%, 67%, 27%
CMY	0.7529, 0.3333, 0.7294
CMYK	0.63, 0.00, 0.59, 0.33
HSL	123°, 46%, 46%
HSV	123°, 63%, 67%
XYZ	17.4988, 30.2359, 10.5441
YIQ	126.4930, -31.3510, -54.0950

Conversions

Conversions Part 2

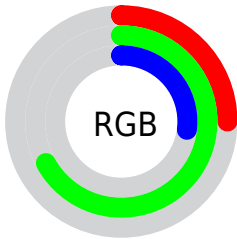
Format	Color
RYB	63, 164, 170
Decimal	4172357
CIELab	61.86, -51.15, 42.39
CIElCh	62, 66.434, 140.348
Yxy	30.2359, 0.3003, 0.5188
Android (android.graphics.Color)	4282362437 (0xFF3FAA45)
YUV	126.4930, -28.3440, -55.6834
Hunter-Lab	54.9872, -39.4227, 27.1219

Details

The Hex color **3FAA45** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **AA3FA4**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **7AE278**, and **007510** is the 20% darker color. If you saturate the color by 10%, you get **2EAA35**, and if you desaturate by 10%, it is **50AA55**.

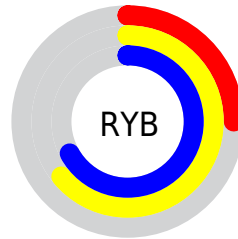
Distribution



Red (25%)

Green (67%)

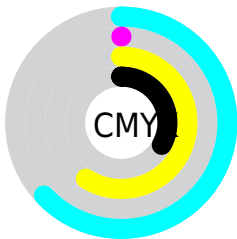
Blue (27%)



Red (25%)

Yellow (64%)

Blue (67%)

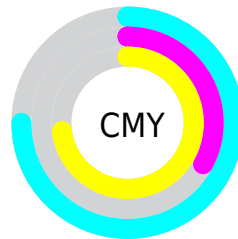


Cyan (63%)

Magenta (0%)

Yellow (59%)

Black (33%)



Cyan (75%)

Magenta (33%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3FAA45 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 3FAA45 by changing the saturation by 10% instead.



3FAA45



3FAA45

FFFFFF



1A8F2C



7AE278



007510



97FF93



005B00



B4FFAE



004200



D1FFCA



002D00



EFFFE7



000D00



000000



3FAA45



3FAA45



2EAA35



50AA55

 1DAA25

 61AA65

 0CAA15

 72AA75

 00AA0A

 83AA85

 94AA95

 A5AAA5

 B6AAB5

 C7AAC5

 D8AAD5

Harmonies

Analogous

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



8C9F0F



3FAA45



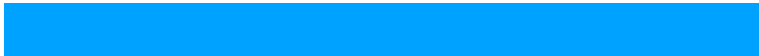
00B080

Triad

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



3FAA45



00A2FF



FE5E70

Complementary

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



3FAA45



AA3FA4

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.



F55DAB



3FAA45



6E8EFF

Square

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



3FAA45



00ADEF



C973E1



EB733B

Rectangle

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



3FAA45



00B1A9



C973E1



FF5A83

Sweetspot

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



3FAA45



B4DEB6



A5AA3F



567058



F0F0F0



707070

Same Dimension

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



3FAA45



35DE3F



3FAA7A



4C544C



009408



001401

Inverse Universe

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



AA3FA4



DE35D4



AA3F6F



544C54



94008C



140013

Previews

White Background



This preview shows how the Hex color 3FAA45 looks on a white background.

Color Contrast Check

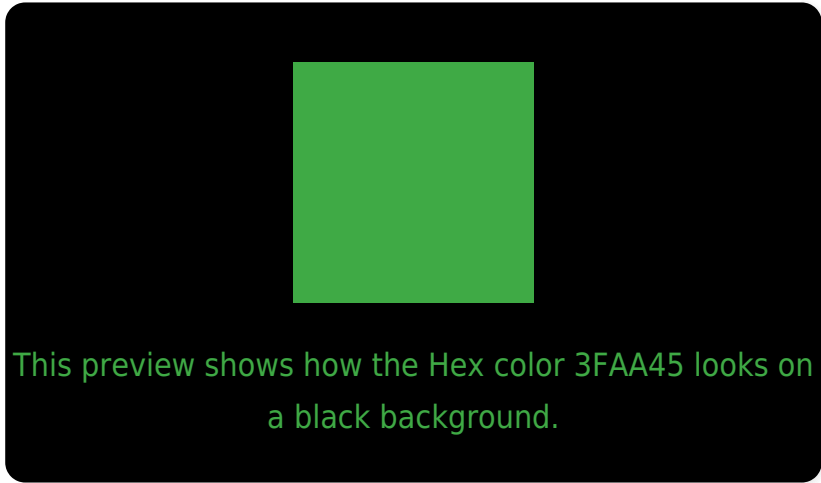
Large Text (above 18pt) WCAG AA × Fail

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

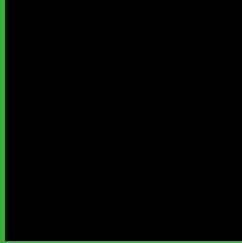
Any Text WCAG AA ✓ Pass

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 3FAA45 Background



This preview shows how black text looks on a background with the Hex color 3FAA45.

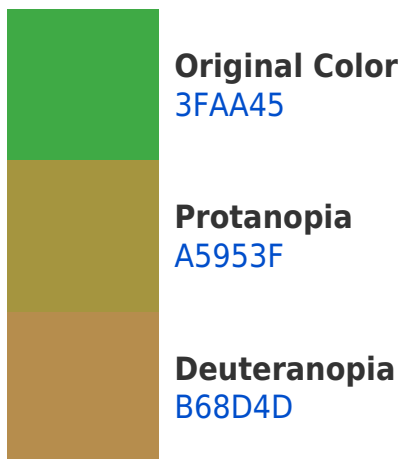


This preview shows how white text looks on a background with the Hex color 3FAA45.

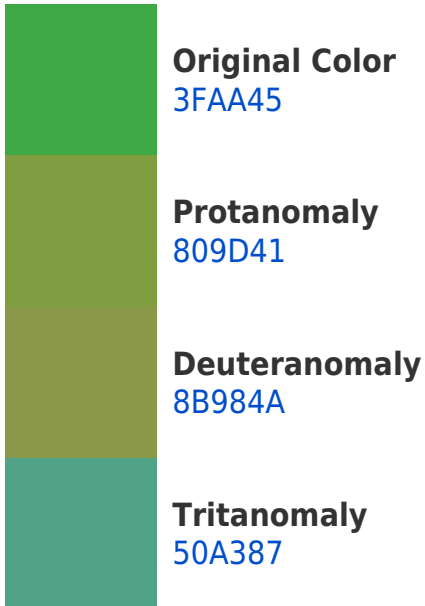
Color Blindness Simulation

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



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3FAA45 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 #3FAA45 looks like.

```
.text, #text, p{  
    color:#3FAA45  
}
```

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 #3FAA45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3FAA45  
}
```

Border

The CSS property to change the border of an element to Hex 3FAA45 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  
#3FAA45 }
```

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

```
.border{ border-color:#3FAA45 }
```

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

Here you see how a box with a 4 pixel #3FAA45 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3FAA45; -webkit-box-shadow:4px 4px  
4px 4px #3FAA45; box-shadow:4px 4px 4px  
4px #3FAA45 }
```

Background

The CSS property to change the background color of an element to Hex 3FAA45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3FAA45 }
```

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

```
.background{ background-color:#3FAA45 }
```

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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