

# Converting Colors

Hex(3FAD50)

Have a look what the booklet for  
Hex(3FAD50) contains.

<b>Hex(3FAD50)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(3FAD50)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3FAD50
RGB	63, 173, 80
RGB Percent	25%, 68%, 31%
CMY	0.7529, 0.3216, 0.6863
CMYK	0.64, 0.00, 0.54, 0.32
HSL	129°, 47%, 46%
HSV	129°, 64%, 68%
XYZ	18.4414, 31.5231, 12.7020
YIQ	129.5080, -35.7070, -52.2430

# Conversions

## Conversions Part 2

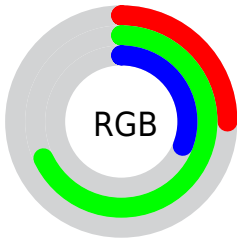
Format	Color
<a href="#">RYB</a>	<a href="#">63, 158, 173</a>
Decimal	<a href="#">4173136</a>
CIELab	<a href="#">62.95, -50.83, 38.39</a>
CIElCh	<a href="#">63, 63.697, 142.935</a>
Yxy	<a href="#">31.5231, 0.2943, 0.5030</a>
Android (android.graphics.Color)	<a href="#">4282363216 (0xFF3FAD50)</a>
YUV	<a href="#">129.5080, -24.4074, -58.3275</a>
Hunter-Lab	<a href="#">56.1454, -39.6247, 25.8884</a>

# Details

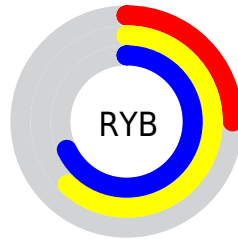
The Hex color **3FAD50** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **AD3F9C**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **7AE583**, and **00771E** is the 20% darker color. If you saturate the color by 10%, you get **2EAD41**, and if you desaturate by 10%, it is **50AD5F**.

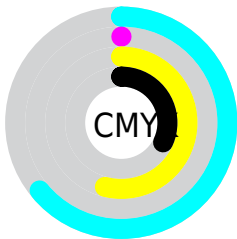
# Distribution



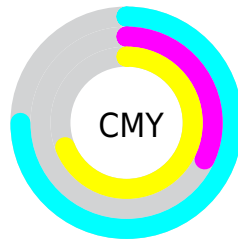
- Red (25%)
- Green (68%)
- Blue (31%)



- Red (25%)
- Yellow (62%)
- Blue (68%)



- Cyan (64%)
- Magenta (0%)
- Yellow (54%)
- Black (32%)



- Cyan (75%)
- Magenta (32%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3FAD50 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 3FAD50 by changing the saturation by 10% instead.



 3FAD50

 3FAD50

FFFFFF

 1A9237

 7AE583

 00771E

 97FF9E

 005E01

 B4FFBA

 004500

 D1FFD6

 002F00

 EFFFF2

 001200

 000000

 3FAD50

 3FAD50

 2EAD41

 50AD5F

 1CAD33

 62AD6D

 0BAD24

 73AD7C

 00AD1B

 84AD8B

 96AD99

 A7ADA8

 B8ADB6

 C9ADC5

 DBADD4

# Harmonies

## Analogous

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



8BA222



3FAD50



00B289

# Triad

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



3FAD50



00A3FF



FD6570

# Complementary

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



3FAD50



AD3F9C

# 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.



F763A8



3FAD50



7F8FFF

# Square

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



3FAD50



00AEF2



D076DD



E97A3E

# Rectangle

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



3FAD50



00B3B0



D076DD



FF6282



# Sweetspot

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



3FAD50



B6E0BC



9CAD3F



56705A



F0F0F0



707070



# Same Dimension

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



3FAD50



36E050



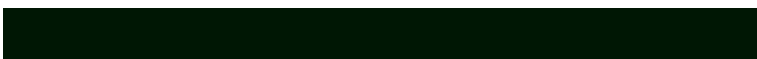
3FAD87



4E574F



009617



001704



# Inverse Universe

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



AD3F9C



E036C6



AD3F65



574E55



96007F



170013



# Previews

## White Background



This preview shows how the Hex color 3FAD50 looks on a white background.

## Color Contrast Check

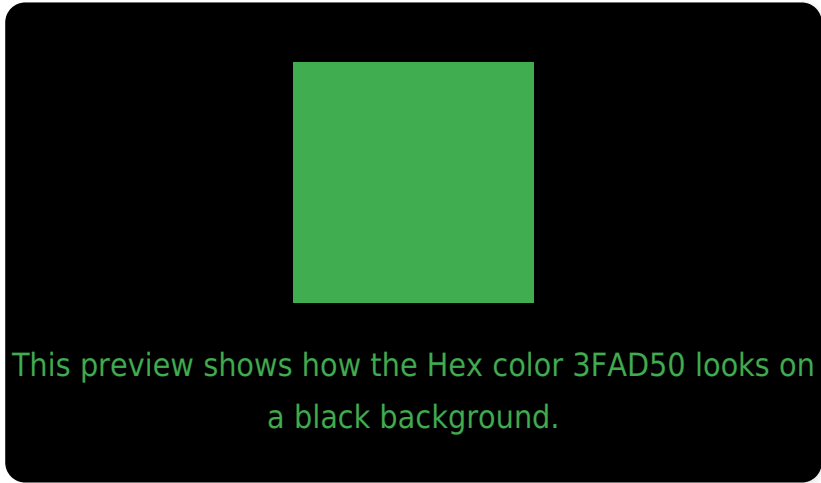
Large Text (above 18pt) WCAG AA × Fail

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

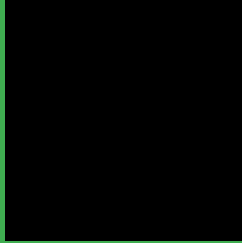
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 3FAD50 Background



This preview shows how black text looks on a background with the Hex color 3FAD50.

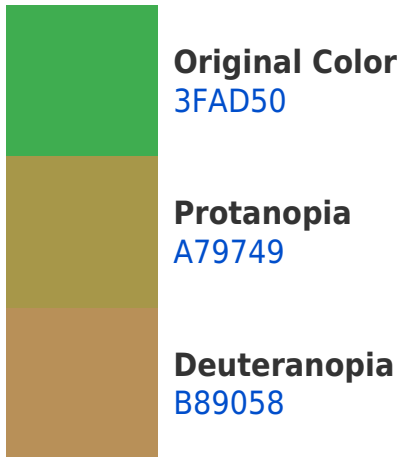


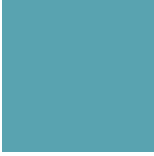
This preview shows how white text looks on a background with the Hex color 3FAD50.

# 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](#).

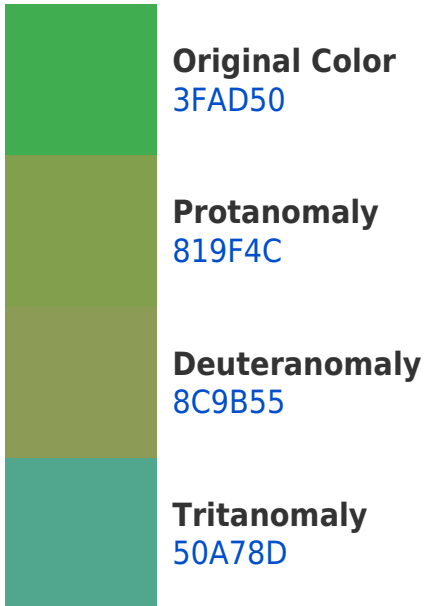
## Dichromacy



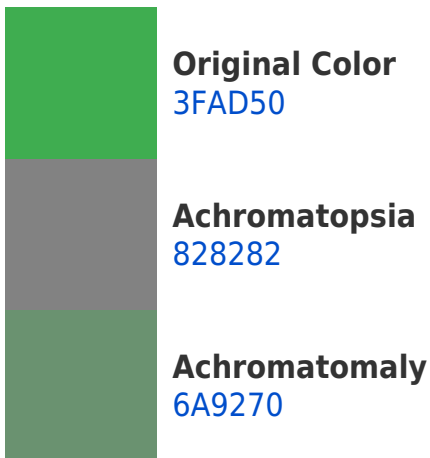


**Tritanopia**  
59A3B0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3FAD50 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 #3FAD50 looks like.

```
.text, #text, p{  
    color:#3FAD50  
}
```

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 #3FAD50 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3FAD50
}
```

## Border

The CSS property to change the border of an element to Hex 3FAD50 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
#3FAD50 }
```

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

```
.border{ border-color:#3FAD50 }
```

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

Here you see how a box with a 4 pixel #3FAD50 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3FAD50; -webkit-box-shadow:4px 4px  
4px 4px #3FAD50; box-shadow:4px 4px 4px  
4px #3FAD50 }
```

# Background

The CSS property to change the background color of an element to Hex 3FAD50 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3FAD50 }
```

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

```
.background{ background-color:#3FAD50 }
```

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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