

Converting Colors

Hex(4AAA3F)

Have a look what the booklet for
Hex(4AAA3F) contains.

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Color

Hex(4AAA3F)

Conversions

Conversions Part 1

Format	Color
Hex	4AAA3F
RGB	74, 170, 63
RGB Percent	29%, 67%, 25%
CMY	0.7098, 0.3333, 0.7529
CMYK	0.56, 0.00, 0.63, 0.33
HSL	114°, 46%, 46%
HSV	114°, 63%, 67%
XYZ	18.0960, 30.5642, 9.6483
YIQ	129.0980, -22.8690, -53.6290

Conversions

Conversions Part 2

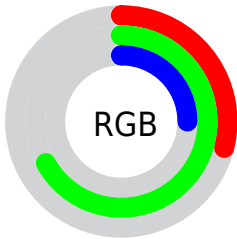
Format	Color
RYB	63, 170, 159
Decimal	4893247
CIELab	62.14, -49.16, 45.56
CIElCh	62, 67.023, 137.180
Yxy	30.5642, 0.3103, 0.5242
Android (android.graphics.Color)	4283083327 (0xFF4AAA3F)
YUV	129.0980, -32.5863, -48.3209
Hunter-Lab	55.2849, -38.3215, 28.3521

Details

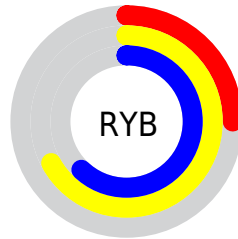
The Hex color **4AAA3F** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **9F3FAA**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **83E273**, and **007504** is the 20% darker color. If you saturate the color by 10%, you get **3BAA2E**, and if you desaturate by 10%, it is **59AA50**.

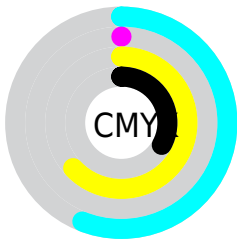
Distribution



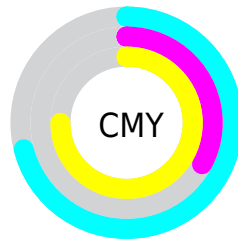
- Red (29%)
- Green (67%)
- Blue (25%)



- Red (25%)
- Yellow (67%)
- Blue (62%)



- Cyan (56%)
- Magenta (0%)
- Yellow (63%)
- Black (33%)



- Cyan (71%)
- Magenta (33%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4AAA3F 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 4AAA3F by changing the saturation by 10% instead.



4AAA3F



4AAA3F

FFFFFF



2A8F25



83E273



007504



A0FF8D



005B00



BDFFA9



004300



DAFFC4



002D00



F8FFE1



000E00

FFFFFFE



000000



4AAA3F



4AAA3F



3BAA2E



59AA50

■ 2BAA1D

■ 69AA61

■ 1CAA0C

■ 78AA72

■ 11AA00

■ 87AA83

■ 96AA94

■ A6AAA5

■ B5AAB6

■ C4AAC7

■ D3AAD8

Harmonies

Analogous

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



939E06



4AAA3F



00B07A

Triad

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



4AAA3F



00A4FF



FF5C77

Complementary

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



4AAA3F



9F3FAA

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.



F45EB2



4AAA3F



5F91FF

Square

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



4AAA3F



00AFEC



C477E8



EF7140

Rectangle

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



4AAA3F



00B2A3



C477E8



FF5A8A

Sweetspot

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



4AAA3F



B8DEB4



AA9E3F



597056



F0F0F0



707070

Same Dimension

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



4AAA3F



47DE35



3FAA68



4D544C



0F9400



021400

Inverse Universe

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



9F3FAA



CD35DE



AA3F81



534C54



850094



120014

Previews

White Background



This preview shows how the Hex color 4AAA3F looks on a white background.

Color Contrast Check

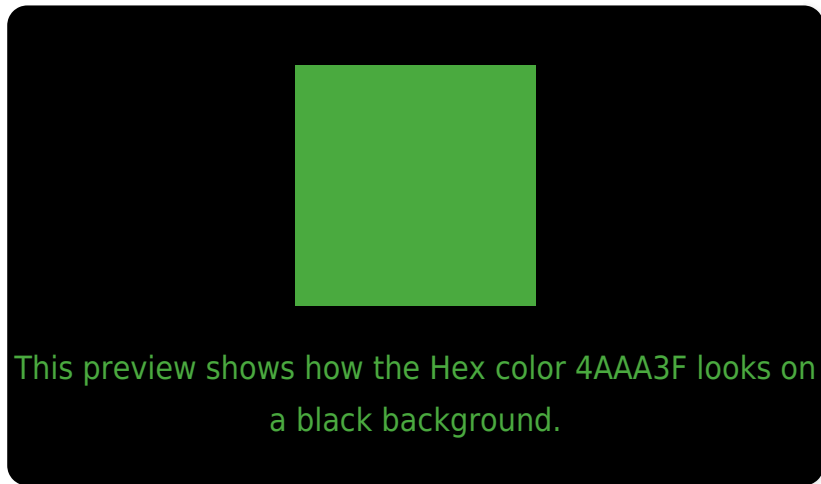
Large Text (above 18pt) WCAG AA × Fail

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 4AAA3F Background



This preview shows how black text looks on a background with the Hex color 4AAA3F.

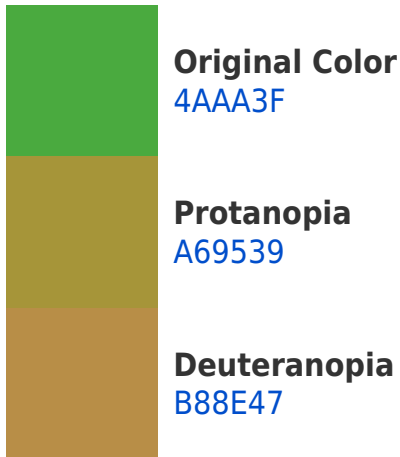


This preview shows how white text looks on a background with the Hex color 4AAA3F.

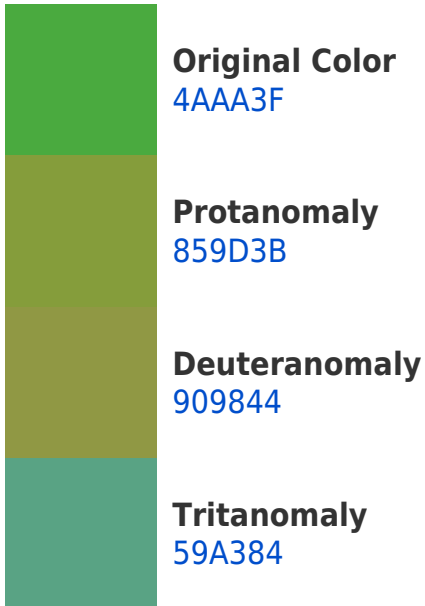
Color Blindness Simulation

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](#).

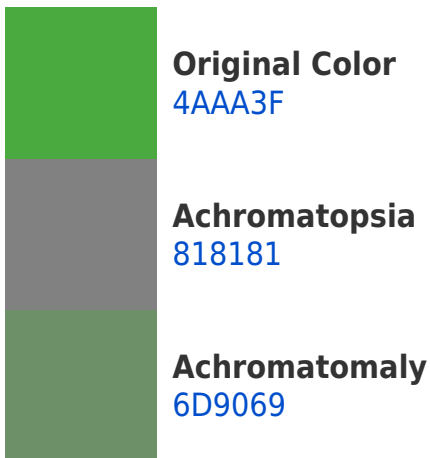
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4AAA3F 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 #4AAA3F looks like.

```
.text, #text, p{  
    color:#4AAA3F  
}
```

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 #4AAA3F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4AAA3F
}
```

Border

The CSS property to change the border of an element to Hex 4AAA3F 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
#4AAA3F }
```

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

```
.border{ border-color:#4AAA3F }
```

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

Here you see how a box with a 4 pixel #4AAA3F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4AAA3F; -webkit-box-shadow:4px 4px  
4px 4px #4AAA3F; box-shadow:4px 4px 4px  
4px #4AAA3F }
```

Background

The CSS property to change the background color of an element to Hex 4AAA3F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4AAA3F }
```

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

```
.background{ background-color:#4AAA3F }
```

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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