

Converting Colors

Hex(4DAA3F)

Have a look what the booklet for
Hex(4DAA3F) contains.

Hex(4DAA3F)	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(4DAA3F)

Conversions

Conversions Part 1

Format	Color
Hex	4DAA3F
RGB	77, 170, 63
RGB Percent	30%, 67%, 25%
CMY	0.6980, 0.3333, 0.7529
CMYK	0.55, 0.00, 0.63, 0.33
HSL	112°, 46%, 46%
HSV	112°, 63%, 67%
XYZ	18.3325, 30.6861, 9.6594
YIQ	129.9950, -21.0810, -52.9930

Conversions

Conversions Part 2

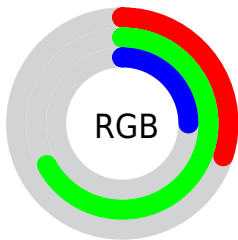
Format	Color
RYB	63, 170, 156
Decimal	5089855
CIELab	62.24, -48.36, 45.70
CIELCh	62, 66.537, 136.620
Yxy	30.6861, 0.3124, 0.5230
Android (android.graphics.Color)	4283279935 (0xFF4DAA3F)
YUV	129.9950, -33.0285, -46.4766
Hunter-Lab	55.3950, -37.8684, 28.4379

Details

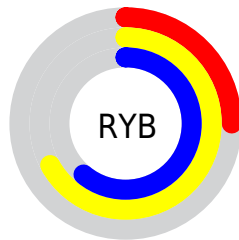
The Hex color **4DAA3F** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **9C3FAA**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **86E273**, and **007504** is the 20% darker color. If you saturate the color by 10%, you get **3EAA2E**, and if you desaturate by 10%, it is **5CAA50**.

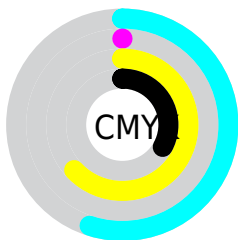
Distribution



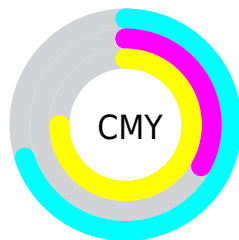
- Red (30%)
- Green (67%)
- Blue (25%)



- Red (25%)
- Yellow (67%)
- Blue (61%)



- Cyan (55%)
- Magenta (0%)
- Yellow (63%)
- Black (33%)



- Cyan (70%)
- Magenta (33%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4DAA3F 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 4DAA3F by changing the saturation by 10% instead.



4DAA3F



4DAA3F

FFFFFF



2E8F25



86E273



007504



A2FF8D



005B00



BFFFA9



004300



DCFFC4



002D00



FAFFE1



000F00

FFFFFFE



000000



4DAA3F



4DAA3F



3EAA2E



5CAA50

■ 2FAA1D

■ 6BAA61

■ 21AA0C

■ 79AA72

■ 16AA00

■ 88AA83

■ 97AA94

■ A6AAA5

■ B4AAB6

■ C3AAC7

■ D2AAD8

Harmonies

Analogous

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



949E09



4DAA3F



00B079

Triad

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



4DAA3F



00A5FF



FF5D78

Complementary

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



4DAA3F



9C3FAA

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.



F360B3



4DAA3F



5D92FF

Square

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



4DAA3F



00AFEB



C278E8



F07142

Rectangle

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



4DAA3F



00B2A2



C278E8



FF5B8C

Sweetspot

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



4DAA3F



B9DEB4



AA9C3F



5A7056



F0F0F0



707070

Same Dimension

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



4DAA3F



4BDE35



3FAA66



4D544C



139400



031400

Inverse Universe

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



9C3FAA



C835DE



AA3F83



534C54



810094



120014

Previews

White Background



This preview shows how the Hex color 4DAA3F looks on a white background.

Color Contrast Check

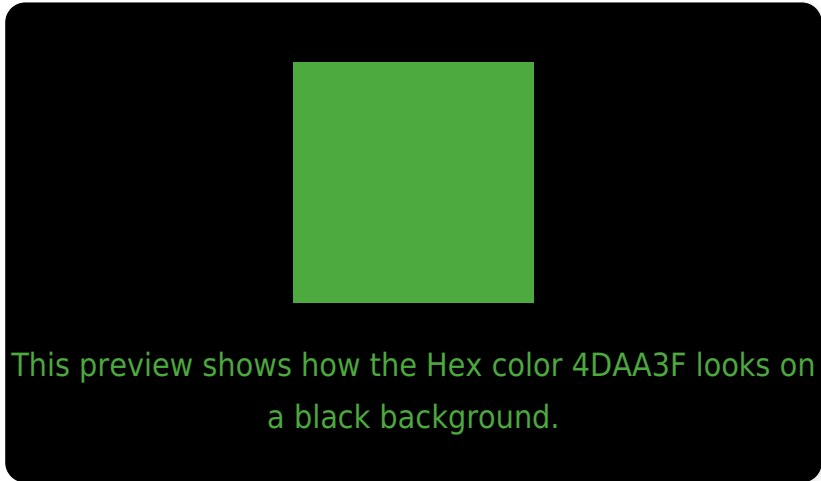
Large Text (above 18pt) WCAG AA × Fail

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 4DAA3F Background



This preview shows how black text looks on a background with the Hex color 4DAA3F.

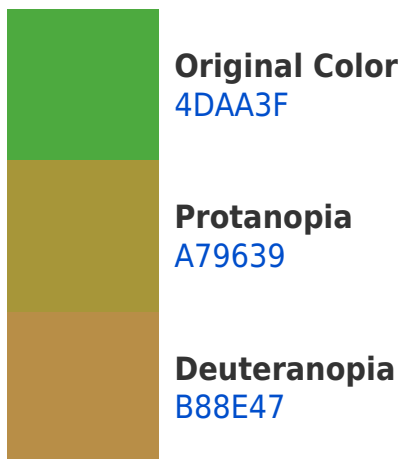


This preview shows how white text looks on a background with the Hex color 4DAA3F.

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



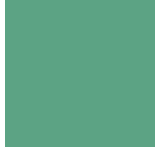
Original Color
4DAA3F



Protanomaly
869D3B



Deuteranomaly
919844



Tritanomaly
5CA384

Monochromacy



Original Color
4DAA3F



Achromatopsia
828282



Achromatomaly
6F916A

CSS Examples

Text

The CSS property to change the color of the text to Hex 4DAA3F 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 #4DAA3F looks like.

```
.text, #text, p{  
    color:#4DAA3F  
}
```

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 #4DAA3F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4DAA3F
}
```

Border

The CSS property to change the border of an element to Hex 4DAA3F 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
#4DAA3F }
```

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

```
.border{ border-color:#4DAA3F }
```

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

Here you see how a box with a 4 pixel #4DAA3F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4DAA3F; -webkit-box-shadow:4px 4px  
4px 4px #4DAA3F; box-shadow:4px 4px 4px  
4px #4DAA3F }
```

Background

The CSS property to change the background color of an element to Hex 4DAA3F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4DAA3F }
```

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

```
.background{ background-color:#4DAA3F }
```

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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