

Converting Colors

Hex(4A9A3E)

Have a look what the booklet for
Hex(4A9A3E) contains.

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Color

Hex(4A9A3E)

Conversions

Conversions Part 1

Format	Color
Hex	4A9A3E
RGB	74, 154, 62
RGB Percent	29%, 60%, 24%
CMY	0.7098, 0.3961, 0.7569
CMYK	0.52, 0.00, 0.60, 0.40
HSL	112°, 43%, 42%
HSV	112°, 60%, 60%
XYZ	15.2491, 24.9148, 8.5628
YIQ	119.5920, -18.1480, -45.5720

Conversions

Conversions Part 2

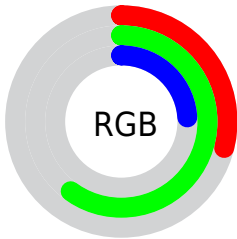
Format	Color
RYB	62, 154, 142
Decimal	4889150
CIELab	56.99, -42.93, 40.16
CIElCh	57, 58.790, 136.910
Yxy	24.9148, 0.3130, 0.5113
Android (android.graphics.Color)	4283079230 (0xFF4A9A3E)
YUV	119.5920, -28.3929, -39.9842
Hunter-Lab	49.9148, -32.8185, 24.7693

Details

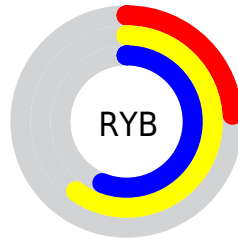
The Hex color **4A9A3E** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **8E3E9A**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **81D171**, and **056608** is the 20% darker color. If you saturate the color by 10%, you get **3D9A2F**, and if you desaturate by 10%, it is **579A4D**.

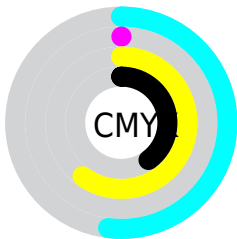
Distribution



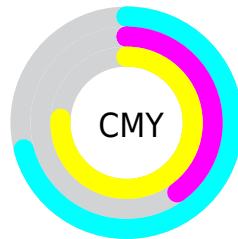
- Red (29%)
- Green (60%)
- Blue (24%)



- Red (24%)
- Yellow (60%)
- Blue (56%)



- Cyan (52%)
- Magenta (0%)
- Yellow (60%)
- Black (40%)



- Cyan (71%)
- Magenta (40%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A9A3E 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 4A9A3E by changing the saturation by 10% instead.



4A9A3E



4A9A3E

FFFFFF



2D8025



81D171



056608



9DEE8B



004D00



B9FFA6



003500



D6FFC2



002000



F3FFDE



000000



FFFFFFB



4A9A3E



4A9A3E



3D9A2F



579A4D

■ 2F9A1F

■ 659A5D

■ 229A10

■ 729A6C

■ 149A00

■ 809A7C

■ 8D9A8B

■ 9A9A9A

■ A89AAA

■ B59AB9

■ C39AC9

Harmonies

Analogous

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



878F17



4A9A3E



00A070

Triad

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



4A9A3E



0095ED



E5596E

Complementary

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



4A9A3E



8E3E9A

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.



DA5BA1



4A9A3E



5C84EB

Square

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



4A9A3E



009ED3



B06ECF



D7693F

Rectangle

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



4A9A3E



00A194



B06ECF



E5577F

Sweetspot

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



4A9A3E



AAC9A5



9A8E3E



526650



E6E6E6



666666

Same Dimension

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



4A9A3E



4BC938



3E9A60



464D45



128C00



020D00

Inverse Universe

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



8E3E9A



B738C9



9A3E78



4C454D



7A008C



0B000D

Previews

White Background



This preview shows how the Hex color 4A9A3E looks on a white background.

Color Contrast Check

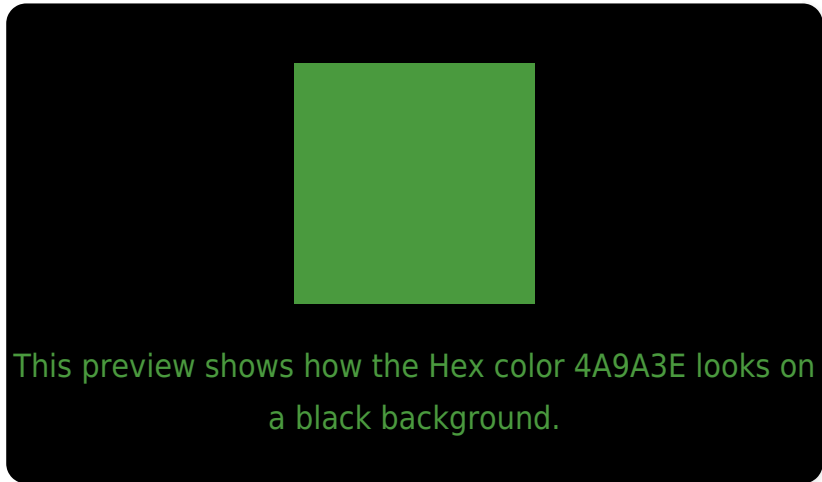
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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

Hex 4A9A3E Background



This preview shows how black text looks on a background with the Hex color 4A9A3E.



This preview shows how white text looks on a background with the Hex color 4A9A3E.

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](#).

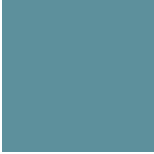
Dichromacy



Original Color
4A9A3E

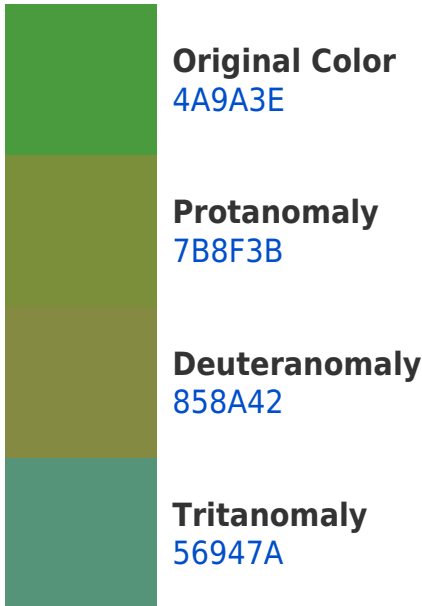
Protanopia
978839

Deuteranopia
A78145



Tritanopia
5D909C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4A9A3E 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 #4A9A3E looks like.

```
.text, #text, p{  
    color:#4A9A3E  
}
```

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 #4A9A3E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A9A3E
}
```

Border

The CSS property to change the border of an element to Hex 4A9A3E 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
#4A9A3E }
```

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

```
.border{ border-color:#4A9A3E }
```

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

Here you see how a box with a 4 pixel #4A9A3E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A9A3E; -webkit-box-shadow:4px 4px  
4px 4px #4A9A3E; box-shadow:4px 4px 4px  
4px #4A9A3E }
```

Background

The CSS property to change the background color of an element to Hex 4A9A3E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A9A3E }
```

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

```
.background{ background-color:#4A9A3E }
```

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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