

Converting Colors

Hex(49AB3C)

Have a look what the booklet for
Hex(49AB3C) contains.

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Color

Hex(49AB3C)

Conversions

Conversions Part 1

Format	Color
Hex	49AB3C
RGB	73, 171, 60
RGB Percent	29%, 67%, 24%
CMY	0.7137, 0.3294, 0.7647
CMYK	0.57, 0.00, 0.65, 0.33
HSL	113°, 48%, 45%
HSV	113°, 65%, 67%
XYZ	18.1262, 30.8685, 9.2778
YIQ	129.0440, -22.7770, -55.2970

Conversions

Conversions Part 2

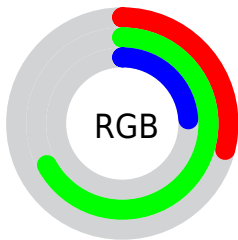
Format	Color
RYB	60, 171, 158
Decimal	4827964
CIELab	62.40, -50.11, 47.16
CIELCh	62, 68.814, 136.741
Yxy	30.8685, 0.3111, 0.5297
Android (android.graphics.Color)	4283018044 (0xFF49AB3C)
YUV	129.0440, -34.0387, -49.1506
Hunter-Lab	55.5595, -38.9937, 28.9908

Details

The Hex color **49AB3C** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **9E3CAB**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **83E370**, and **007600** is the 20% darker color. If you saturate the color by 10%, you get **3AAB2B**, and if you desaturate by 10%, it is **58AB4D**.

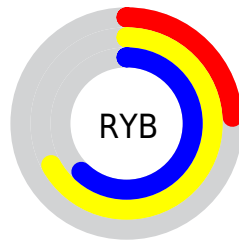
Distribution



Red (29%)

Green (67%)

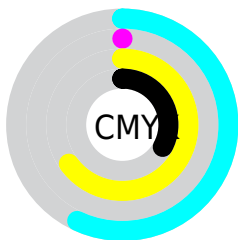
Blue (24%)



Red (24%)

Yellow (67%)

Blue (62%)

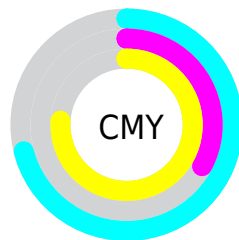


Cyan (57%)

Magenta (0%)

Yellow (65%)

Black (33%)



Cyan (71%)

Magenta (33%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 49AB3C 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 49AB3C by changing the saturation by 10% instead.

 49AB3C

 49AB3C

FFFFFF

 299021

 83E370

 007600

 9FFF8B

 005C00

 BCFFA6

 004300

 DAFFC2

 002D00

 F7FFDE

 000F00

 FFFFFB

 000000

 49AB3C

 49AB3C

 3AAB2B

 58AB4D

 2BAB1A

 67AB5E

 1CAB09

 76AB6F

 14AB00

 85AB80

 94AB91

 A4ABA3

 B3ABB4

 C2ABC5

 D1ABD6

Harmonies

Analogous

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



949E00



49AB3C



00B179

Triad

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



49AB3C



00A6FF



FF5A77

Complementary

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



49AB3C



9E3CAB

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.



F75DB5



49AB3C



5A92FF

Square

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



49AB3C



00B0EF



C477EB



F2703F

Rectangle

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



49AB3C



00B3A3



C477EB



FF588C

Sweetspot

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



49AB3C



B9DEB4



AB9C3C



597056



F0F0F0



707070

Same Dimension

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



49AB3C



45DE31



3CAB65



4F574E



129600



031700

Inverse Universe

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



9E3CAB



CA31DE



AB3C82



564E57



850096



140017

Previews

White Background



This preview shows how the Hex color 49AB3C looks on a white background.

Color Contrast Check

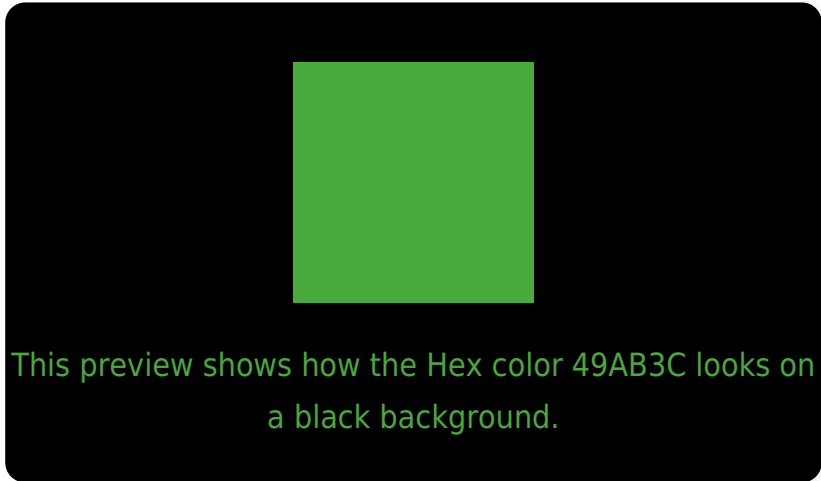
Large Text (above 18pt) WCAG AA × Fail

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

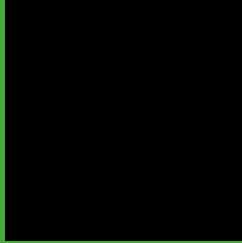
Any Text WCAG AA ✓ Pass

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 49AB3C Background



This preview shows how black text looks on a background with the Hex color 49AB3C.

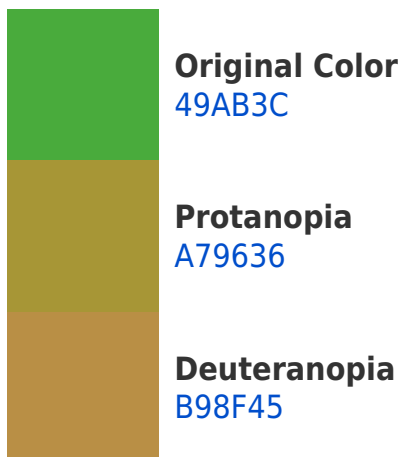


This preview shows how white text looks on a background with the Hex color 49AB3C.

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](#).

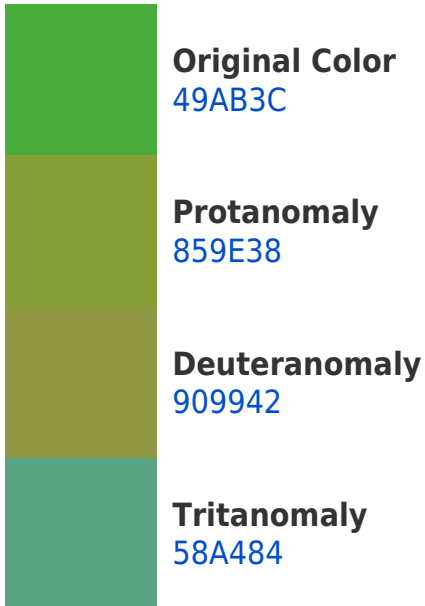
Dichromacy





Tritanopia
61A0AD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 49AB3C 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 #49AB3C looks like.

```
.text, #text, p{  
    color:#49AB3C  
}
```

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 #49AB3C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49AB3C
}
```

Border

The CSS property to change the border of an element to Hex 49AB3C 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
#49AB3C }
```

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

```
.border{ border-color:#49AB3C }
```

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

Here you see how a box with a 4 pixel #49AB3C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49AB3C; -webkit-box-shadow:4px 4px  
4px 4px #49AB3C; box-shadow:4px 4px 4px  
4px #49AB3C }
```

Background

The CSS property to change the background color of an element to Hex 49AB3C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49AB3C }
```

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

```
.background{ background-color:#49AB3C }
```

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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