

Converting Colors

Hex(49813A)

Have a look what the booklet for
Hex(49813A) contains.

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Color

Hex(49813A)

Conversions

Conversions Part 1

Format	Color
Hex	49813A
RGB	73, 129, 58
RGB Percent	29%, 51%, 23%
CMY	0.7137, 0.4941, 0.7725
CMYK	0.43, 0.00, 0.55, 0.49
HSL	107°, 38%, 37%
HSV	107°, 55%, 51%
XYZ	11.3616, 17.4225, 6.7670
YIQ	104.1620, -10.5850, -33.9530

Conversions

Conversions Part 2

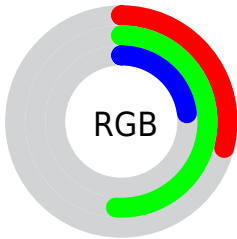
Format	Color
RYB	58, 129, 114
Decimal	4817210
CIELab	48.79, -32.96, 32.48
CIElCh	49, 46.272, 135.414
Yxy	17.4225, 0.3196, 0.4901
Android (android.graphics.Color)	4283007290 (0xFF49813A)
YUV	104.1620, -22.7579, -27.3291
Hunter-Lab	41.7402, -24.4580, 19.6059

Details

The Hex color **49813A** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **723A81**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **7DB66B**, and **134F09** is the 20% darker color. If you saturate the color by 10%, you get **3F812D**, and if you desaturate by 10%, it is **538147**.

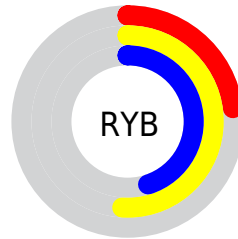
Distribution



Red (29%)

Green (51%)

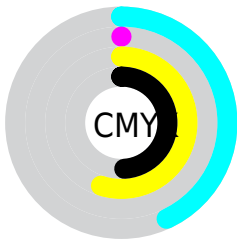
Blue (23%)



Red (23%)

Yellow (51%)

Blue (45%)

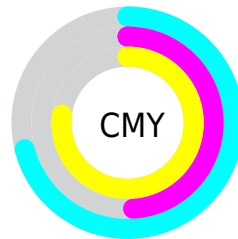


Cyan (43%)

Magenta (0%)

Yellow (55%)

Black (49%)



Cyan (71%)

Magenta (49%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 49813A 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 49813A by changing the saturation by 10% instead.



49813A



49813A

FFFFFF



2F6822



7DB66B



134F09



98D285



003700



B4EF9F



002300



D0FFBB



000000



EDFFD7



FFFFFF3



49813A



49813A



3F812D



538147

■ 358120

■ 5D8154

■ 2A8113

■ 688161

■ 208106

■ 72816E

■ 1B8100

■ 7C817A

■ 868187

■ 908194

■ 9A81A1

■ A581AE

Harmonies

Analogous

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



767822



49813A



00865F

Triad

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



49813A



007EBF



BC5161

Complementary

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



49813A



723A81

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.



B25389



49813A



5271C0

Square

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



49813A



0085AB



9061AB



B25C3E

Rectangle

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



49813A



00877A



9061AB



BB506E

Sweetspot

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



49813A



92A88C



81723A



475443



D4D4D4



545454

Same Dimension

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



49813A



51A839



3A814E



3B4039



1B8000



000000

Inverse Universe

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



723A81



9139A8



813A6D



3E3940



650080



000000

Previews

White Background



This preview shows how the Hex color 49813A looks on a white background.

Color Contrast Check

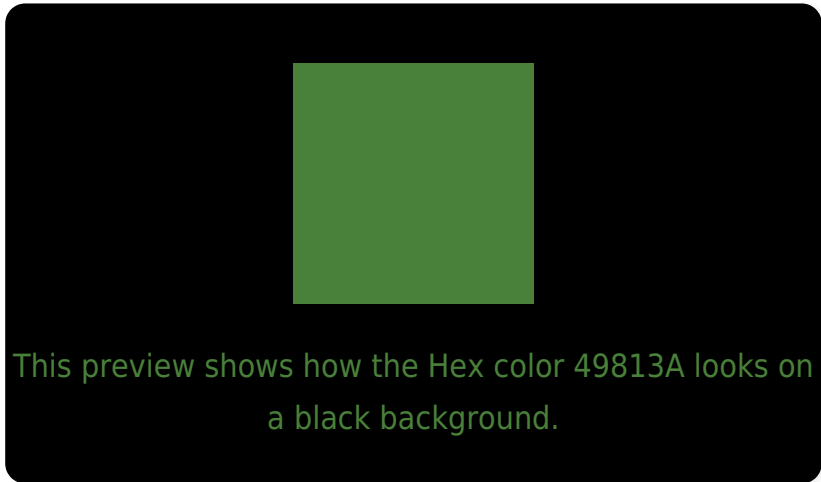
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

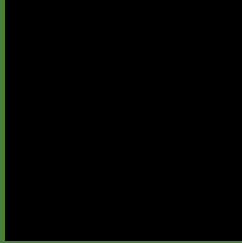
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 49813A Background



This preview shows how black text looks on a background with the Hex color 49813A.



This preview shows how white text looks on a background with the Hex color 49813A.

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
49813A

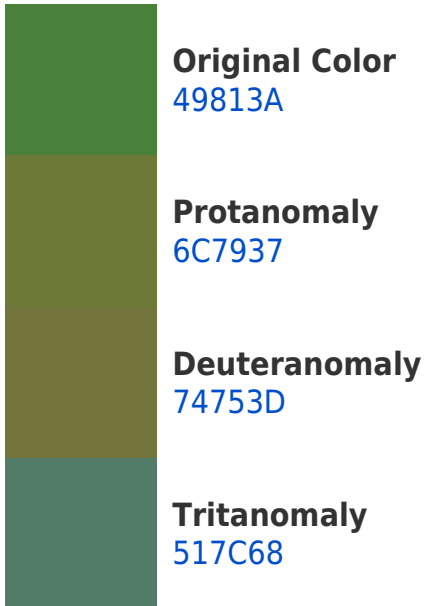
Protanopia
807436

Deuteranopia
8D6E3F

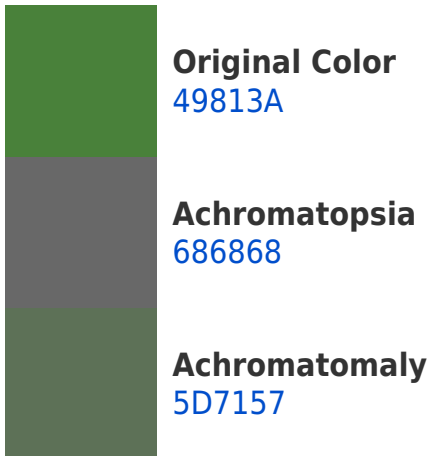


Tritanopia
567983

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 49813A 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 #49813A looks like.

```
.text, #text, p{  
    color:#49813A  
}
```

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 #49813A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49813A
}
```

Border

The CSS property to change the border of an element to Hex 49813A 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
#49813A }
```

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

```
.border{ border-color:#49813A }
```

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

Here you see how a box with a 4 pixel #49813A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49813A; -webkit-box-shadow:4px 4px  
4px 4px #49813A; box-shadow:4px 4px 4px  
4px #49813A }
```

Background

The CSS property to change the background color of an element to Hex 49813A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49813A }
```

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

```
.background{ background-color:#49813A }
```

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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