

# Converting Colors

Hex(43A84C)

Have a look what the booklet for  
Hex(43A84C) contains.

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# Color

Hex(43A84C)

# Conversions

## Conversions Part 1

Format	Color
Hex	43A84C
RGB	67, 168, 76
RGB Percent	26%, 66%, 30%
CMY	0.7373, 0.3412, 0.7020
CMYK	0.60, 0.00, 0.55, 0.34
HSL	125°, 43%, 46%
HSV	125°, 60%, 66%
XYZ	17.6219, 29.7204, 11.6453
YIQ	127.3130, -30.6640, -50.0240

# Conversions

## Conversions Part 2

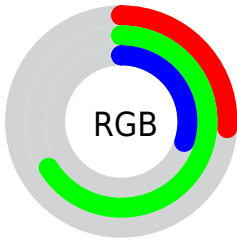
<b>Format</b>	<b>Color</b>
<b>RYB</b>	67, 160, 168
Decimal	4433996
CIELab	61.41, -48.57, 38.53
CIElCh	61, 61.996, 141.570
Yxy	29.7204, 0.2987, 0.5038
Android (android.graphics.Color)	4282624076 (0xFF43A84C)
YUV	127.3130, -25.2973, -52.8945
Hunter-Lab	54.5164, -37.7053, 25.4965

# Details

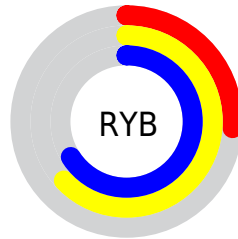
The Hex color **43A84C** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **A8439F**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **7DE07F**, and **00731A** is the 20% darker color. If you saturate the color by 10%, you get **32A83D**, and if you desaturate by 10%, it is **54A85B**.

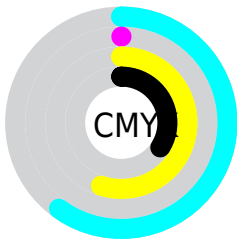
# Distribution



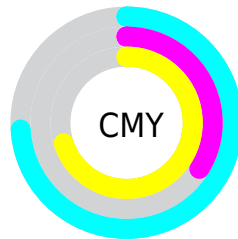
- Red (26%)
- Green (66%)
- Blue (30%)



- Red (26%)
- Yellow (63%)
- Blue (66%)



- Cyan (60%)
- Magenta (0%)
- Yellow (55%)
- Black (34%)



- Cyan (74%)
- Magenta (34%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 43A84C 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 43A84C by changing the saturation by 10% instead.





43A84C



43A84C

FFFFFF



228D33



7DE07F



00731A



99FD9A



005900



B6FFB5



004100



D3FFD1



002B00



F1FFEE



000A00



000000



43A84C



43A84C




32A83D



54A85B

 21A82D

 65A86B

 11A81E

 75A87A

 00A80F

 86A889

 97A899

 A8A8A8

 B9A8B7

 C9A8C6

 DAA8D6

# Harmonies

## Analogous

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



8A9D20



43A84C



00AD82

# Triad

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



43A84C



009FFF



F7636F

# Complementary

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



43A84C



A8439F

# 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.



EF61A6



43A84C



778CFB

# Square

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



43A84C



00AAE9



C774D9



E4763F

# Rectangle

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



43A84C



00AEA9



C774D9



F85F81



# Sweetspot

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



43A84C



B4DBB7



A0A843



566E58



EDEDED



6E6E6E



# Same Dimension

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



43A84C



3DDB4B



43A87E



4C544C



00940D



001402



# Inverse Universe

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



A8439F



DB3DCD



A8436D



544C53



940087



140013



# Previews

## White Background



This preview shows how the Hex color 43A84C looks on a white background.

## Color Contrast Check

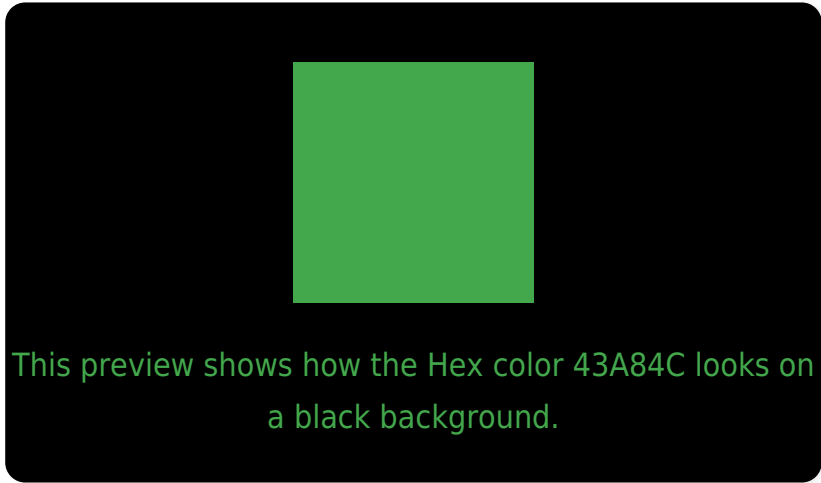
Large Text (above 18pt) WCAG AA ✓ Pass

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

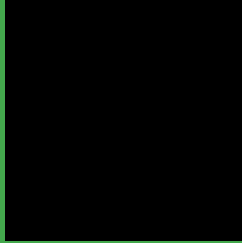
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 43A84C Background



This preview shows how black text looks on a background with the Hex color 43A84C.

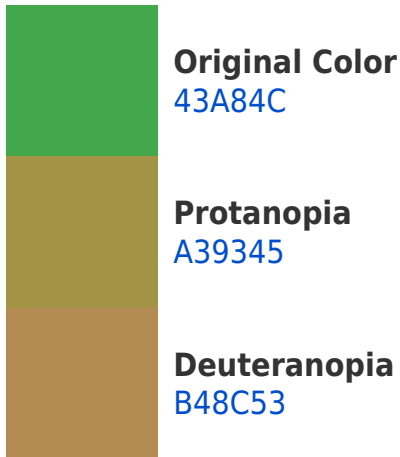


This preview shows how white text looks on a background with the Hex color 43A84C.

# 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](#).

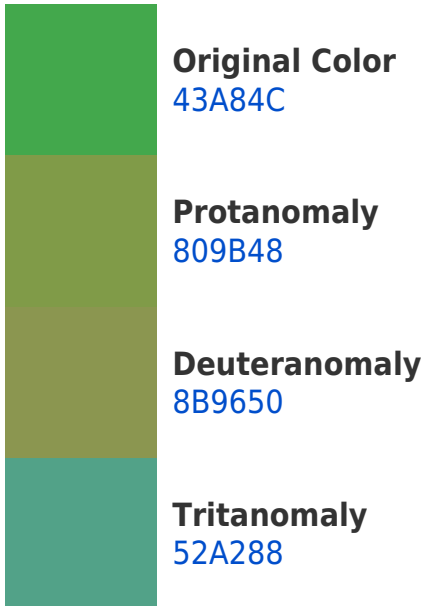
## Dichromacy



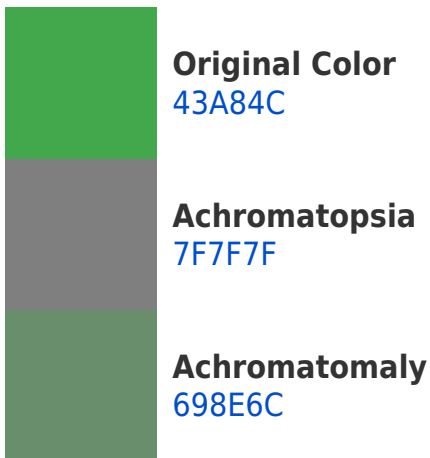


**Tritanopia**  
5B9EAB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 43A84C 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 #43A84C looks like.

```
.text, #text, p{  
    color:#43A84C  
}
```

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 #43A84C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #43A84C
}
```

## Border

The CSS property to change the border of an element to Hex 43A84C 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
#43A84C }
```

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

```
.border{ border-color:#43A84C }
```

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

Here you see how a box with a 4 pixel #43A84C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #43A84C; -webkit-box-shadow:4px 4px  
4px 4px #43A84C; box-shadow:4px 4px 4px  
4px #43A84C }
```

# Background

The CSS property to change the background color of an element to Hex 43A84C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#43A84C }
```

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

```
.background{ background-color:#43A84C }
```

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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