

Converting Colors

Hex(3B9A4C)

Have a look what the booklet for
Hex(3B9A4C) contains.

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Color

Hex(3B9A4C)

Conversions

Conversions Part 1

Format	Color
Hex	3B9A4C
RGB	59, 154, 76
RGB Percent	23%, 60%, 30%
CMY	0.7686, 0.3961, 0.7020
CMYK	0.62, 0.00, 0.51, 0.40
HSL	131°, 45%, 42%
HSV	131°, 62%, 60%
XYZ	14.6637, 24.5628, 10.8057
YIQ	116.7030, -31.5820, -44.3980

Conversions

Conversions Part 2

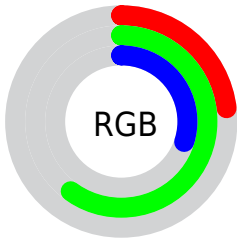
Format	Color
RYB	59, 140, 154
Decimal	3906124
CIELab	56.65, -44.97, 32.66
CIElCh	57, 55.574, 144.011
Yxy	24.5628, 0.2931, 0.4909
Android (android.graphics.Color)	4282096204 (0xFF3B9A4C)
YUV	116.7030, -20.0666, -50.6055
Hunter-Lab	49.5609, -33.9182, 21.7657

Details

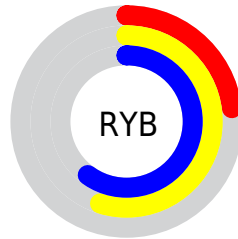
The Hex color **3B9A4C** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **9A3B89**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **74D17E**, and **00661C** is the 20% darker color. If you saturate the color by 10%, you get **2C9A3F**, and if you desaturate by 10%, it is **4A9A59**.

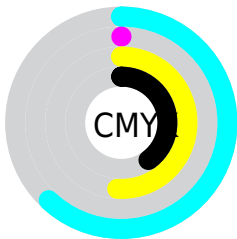
Distribution



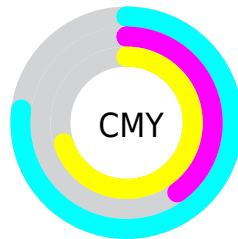
- Red (23%)
- Green (60%)
- Blue (30%)



- Red (23%)
- Yellow (55%)
- Blue (60%)



- Cyan (62%)
- Magenta (0%)
- Yellow (51%)
- Black (40%)



- Cyan (77%)
- Magenta (40%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B9A4C 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 3B9A4C by changing the saturation by 10% instead.

 3B9A4C

 3B9A4C

FFFFFF

 197F34

 74D17E

 00661C

 90EE99

 004D03

 ACFFB4

 003500

 C9FFD0

 001F00

 E6FFEC

 000000

 3B9A4C

 3B9A4C

 2C9A3F

 4A9A59

 1C9A33

 5A9A65

 0D9A26

 699A72

 009A1C

 799A7F

 889A8B

 979A98

 A79AA5

 B69AB1

 C69ABE

Harmonies

Analogous

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



7B9126



3B9A4C



009E7C

Triad

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



3B9A4C



0090E8



DF5E63

Complementary

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



3B9A4C



9A3B89

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.



DA5B94



3B9A4C



777FE1

Square

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



3B9A4C



009BD5



B96AC1



CC6F3A

Rectangle

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



3B9A4C



009F9E



B96AC1



E05B73

Sweetspot

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



3B9A4C



A3C9AA



8A9A3B



4F6653



E6E6E6



666666

Same Dimension

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



3B9A4C



34C94F



3B9A7A



454D46



008C19



000D02

Inverse Universe

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



9A3B89



C934AF



9A3B5B



4D454B



8C0073



0D000A

Previews

White Background



This preview shows how the Hex color 3B9A4C looks on a white background.

Color Contrast Check

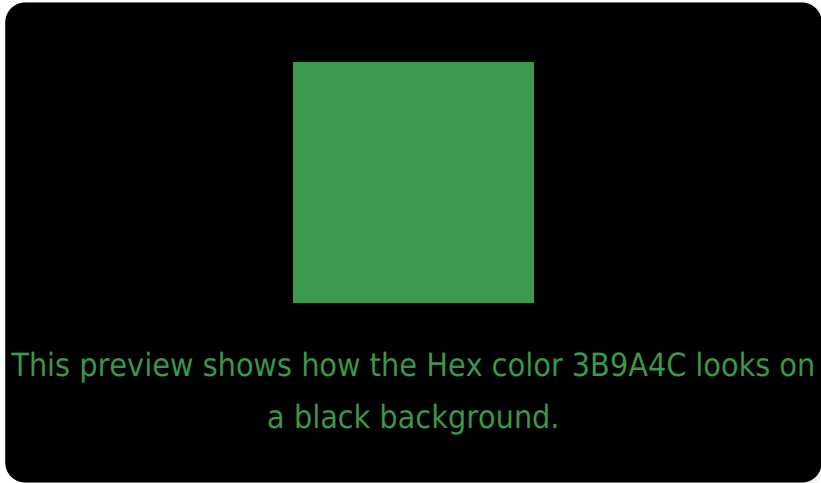
Large Text (above 18pt) WCAG AA ✓ Pass

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

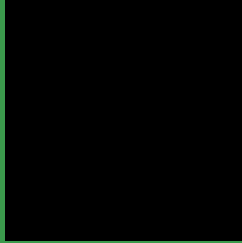
Any Text WCAG AA ✓ Pass

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 3B9A4C Background



This preview shows how black text looks on a background with the Hex color 3B9A4C.

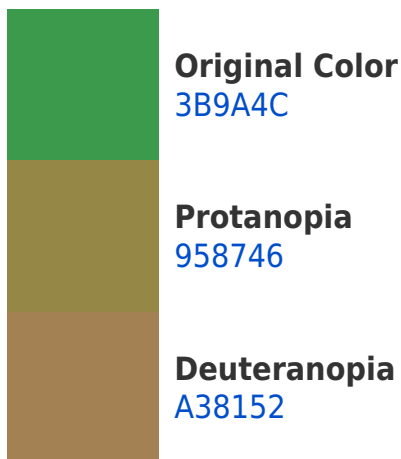



This preview shows how white text looks on a background with the Hex color 3B9A4C.

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](#).

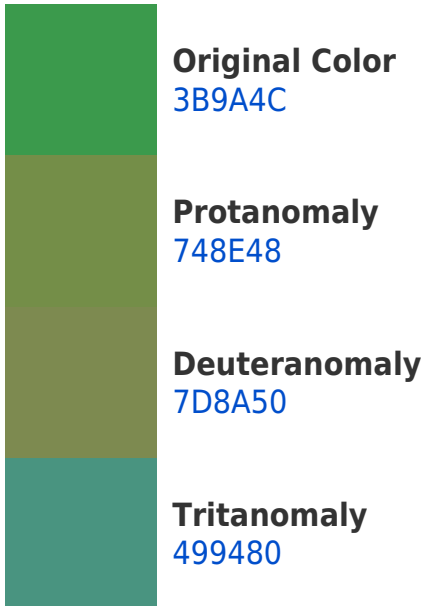
Dichromacy





Tritanopia
51919D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3B9A4C 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 #3B9A4C looks like.

```
.text, #text, p{  
    color:#3B9A4C  
}
```

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 #3B9A4C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B9A4C
}
```

Border

The CSS property to change the border of an element to Hex 3B9A4C 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
#3B9A4C }
```

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

```
.border{ border-color:#3B9A4C }
```

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

Here you see how a box with a 4 pixel #3B9A4C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B9A4C; -webkit-box-shadow:4px 4px  
4px 4px #3B9A4C; box-shadow:4px 4px 4px  
4px #3B9A4C }
```

Background

The CSS property to change the background color of an element to Hex 3B9A4C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B9A4C }
```

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

```
.background{ background-color:#3B9A4C }
```

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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