

# Converting Colors

Hex(3A894B)

Have a look what the booklet for  
Hex(3A894B) contains.

<b>Hex(3A894B)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(3A894B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3A894B
RGB	58, 137, 75
RGB Percent	23%, 54%, 29%
CMY	0.7725, 0.4627, 0.7059
CMYK	0.58, 0.00, 0.45, 0.46
HSL	133°, 41%, 38%
HSV	133°, 58%, 54%
XYZ	11.9606, 19.2989, 9.7513
YIQ	106.3110, -27.1820, -36.0300

# Conversions

## Conversions Part 2

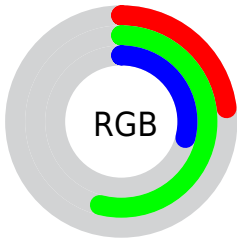
<b>Format</b>	<b>Color</b>
<b>RYB</b>	58, 123, 137
Decimal	3836235
CIELab	51.04, -38.39, 26.10
CIElCh	51, 46.417, 145.790
Yxy	19.2989, 0.2916, 0.4706
Android (android.graphics.Color)	4282026315 (0xFF3A894B)
YUV	106.3110, -15.4363, -42.3687
Hunter-Lab	43.9305, -28.2796, 17.5907

# Details

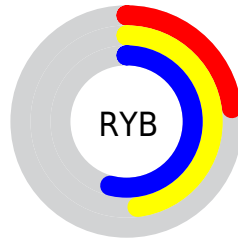
The Hex color **3A894B** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **893A78**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **70BF7D**, and **00561D** is the 20% darker color. If you saturate the color by 10%, you get **2C8940**, and if you desaturate by 10%, it is **488956**.

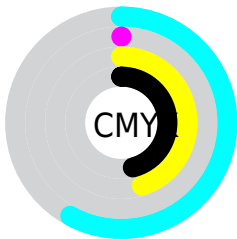
# Distribution



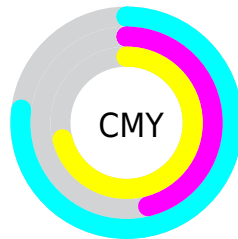
- Red (23%)
- Green (54%)
- Blue (29%)



- Red (23%)
- Yellow (48%)
- Blue (54%)



- Cyan (58%)
- Magenta (0%)
- Yellow (45%)
- Black (46%)



- Cyan (77%)
- Magenta (46%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3A894B 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 3A894B by changing the saturation by 10% instead.





3A894B



3A894B

FFFFFF



1C6F34



70BF7D



00561D



8BDB97



003E05



A7F8B2



002800



C3FFCD



000700



E0FFEA



000000

FDFFFF



3A894B



3A894B



2C8940



488956

■ 1F8935

■ 558961

■ 11892B

■ 63896B

■ 038920

■ 718976

■ 00891D

■ 7E8981

■ 8C898C

■ 9A8996

■ A889A1

■ B589AC

# Harmonies

## Analogous

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



6D812D



3A894B



008D72

# Triad

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



3A894B



0080C8



C15959

# Complementary

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



3A894B



893A78

# 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.



BE5681



3A894B



7271C1

# Square

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



3A894B



0089BA



A561A7



B26638

# Rectangle

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



3A894B



008D8E



A561A7



C35766



# Sweetspot

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



3A894B



94B39B



79893A



47594B



D9D9D9



595959



# Same Dimension

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



3A894B



37B352



3A8971



3E453F



00851D



000501



# Inverse Universe

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



893A78



B33798



893A52



453E43



850068



050004



# Previews

## White Background



This preview shows how the Hex color 3A894B looks on a white background.

## Color Contrast Check

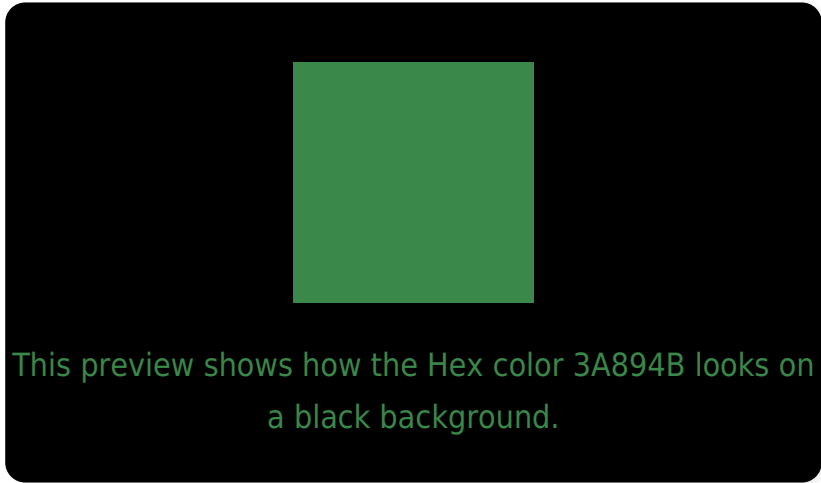
Large Text (above 18pt) WCAG AA ✓ Pass

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

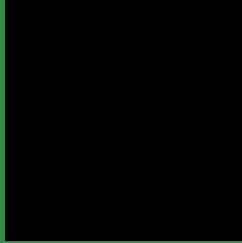
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 3A894B Background



This preview shows how black text looks on a background with the Hex color 3A894B.



This preview shows how white text looks on a background with the Hex color 3A894B.

# 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**  
3A894B

**Protanopia**  
857945

**Deuteranopia**  
917450



**Tritanopia**  
4B828C

# Trichromacy



**Original Color**  
3A894B



**Protanomaly**  
6A7F47



**Deuteranomaly**  
717C4E



**Tritanomaly**  
458574

# Monochromacy



**Original Color**  
3A894B



**Achromatopsia**  
6A6A6A



**Achromatomaly**  
59755F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3A894B 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 #3A894B looks like.

```
.text, #text, p{  
    color:#3A894B  
}
```

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 #3A894B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A894B
}
```

## Border

The CSS property to change the border of an element to Hex 3A894B 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
#3A894B }
```

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

```
.border{ border-color:#3A894B }
```

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

Here you see how a box with a 4 pixel #3A894B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A894B; -webkit-box-shadow:4px 4px  
4px 4px #3A894B; box-shadow:4px 4px 4px  
4px #3A894B }
```

# Background

The CSS property to change the background color of an element to Hex 3A894B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A894B }
```

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

```
.background{ background-color:#3A894B }
```

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](#).



Hey! You found this booklet  
interesting? Support Converting  
Colors with the new Membership  
Option!

The pro membership hides all ads, plus gives you  
double the colors in the color bucket, and more  
awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor