

# Converting Colors

Hex(3A904C)

Have a look what the booklet for  
Hex(3A904C) contains.

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# Color

Hex(3A904C)

# Conversions

## Conversions Part 1

Format	Color
Hex	3A904C
RGB	58, 144, 76
RGB Percent	23%, 56%, 30%
CMY	0.7725, 0.4353, 0.7020
CMYK	0.60, 0.00, 0.47, 0.44
HSL	133°, 43%, 40%
HSV	133°, 60%, 56%
XYZ	13.0227, 21.3679, 10.2755
YIQ	110.5340, -29.4280, -39.3800

# Conversions

## Conversions Part 2

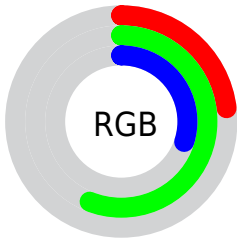
Format	Color
<a href="#">RYB</a>	58, 129, 144
Decimal	3838028
CIELab	53.35, -41.16, 28.51
CIELCh	53, 50.068, 145.287
Yxy	21.3679, 0.2916, 0.4784
Android (android.graphics.Color)	4282028108 (0xFF3A904C)
YUV	110.5340, -17.0253, -46.0723
Hunter-Lab	46.2254, -30.6071, 19.1781

# Details

The Hex color **3A904C** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **903A7E**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **71C77E**, and **005D1D** is the 20% darker color. If you saturate the color by 10%, you get **2C9041**, and if you desaturate by 10%, it is **489057**.

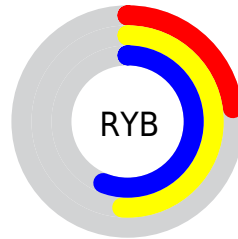
# Distribution



Red (23%)

Green (56%)

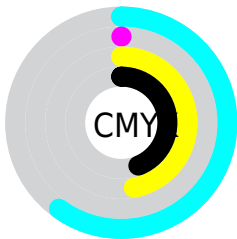
Blue (30%)



Red (23%)

Yellow (51%)

Blue (56%)

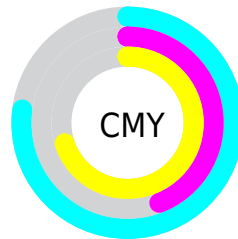


Cyan (60%)

Magenta (0%)

Yellow (47%)

Black (44%)



Cyan (77%)

Magenta (44%)

Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3A904C 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 3A904C by changing the saturation by 10% instead.





3A904C



3A904C

FFFFFF



1A7634



71C77E



005D1D



8DE398



004405



A9FFB3



002D00



C5FFCF



001400



E2FFEB



000000



3A904C



3A904C



2C9041



489057



1D9035



579063

0F902A

65906E

00901E

74907A

829085

909090

9F909C

AD90A7

BC90B2

# Harmonies

## Analogous

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



73882B



3A904C



009477

# Triad

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



3A904C



0086D5



CD5B5D

# Complementary

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



3A904C



903A7E

# 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.



CA5988



3A904C



7577CE

# Square

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



3A904C



0090C6



AD65B1



BC6A39

# Rectangle

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



3A904C



009495



AD65B1



CF596B



# Sweetspot

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



3A904C



99BAA0



7F903A



4A5E4E



DEDEDE



5E5E5E



# Same Dimension

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



3A904C



34BA50



3A9076



404742



00871C



000802



# Inverse Universe

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



903A7E



BA349E



903A54



474046



87006B



080006



# Previews

## White Background



This preview shows how the Hex color 3A904C looks on a white background.

## Color Contrast Check

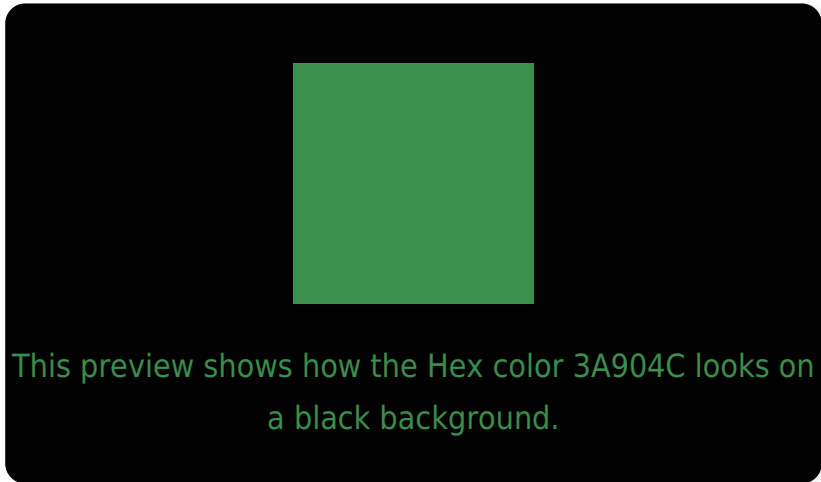
Large Text (above 18pt) WCAG AA ✓ Pass

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 3A904C Background



This preview shows how black text looks on a background with the Hex color 3A904C.



This preview shows how white text looks on a background with the Hex color 3A904C.

# 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**  
3A904C

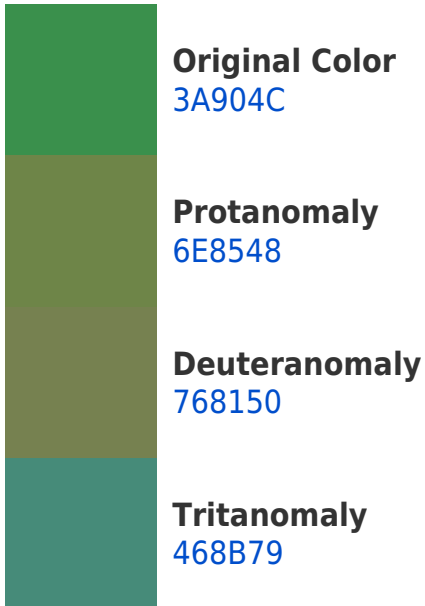
**Protanopia**  
8B7F46

**Deuteranopia**  
987952

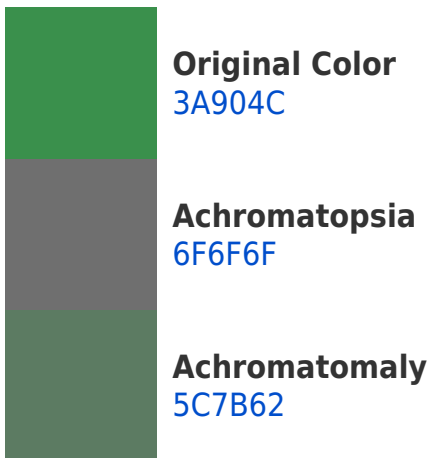


**Tritanopia**  
4D8893

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3A904C 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 #3A904C looks like.

```
.text, #text, p{  
    color:#3A904C  
}
```

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 #3A904C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A904C
}
```

## Border

The CSS property to change the border of an element to Hex 3A904C 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
#3A904C }
```

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

```
.border{ border-color:#3A904C }
```

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

Here you see how a box with a 4 pixel #3A904C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A904C; -webkit-box-shadow:4px 4px  
4px 4px #3A904C; box-shadow:4px 4px 4px  
4px #3A904C }
```

# Background

The CSS property to change the background color of an element to Hex 3A904C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A904C }
```

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

```
.background{ background-color:#3A904C }
```

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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