

# Converting Colors

Hex(3A9554)

Have a look what the booklet for  
Hex(3A9554) contains.

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# Color

Hex(3A9554)

# Conversions

## Conversions Part 1

Format	Color
Hex	3A9554
RGB	58, 149, 84
RGB Percent	23%, 58%, 33%
CMY	0.7725, 0.4157, 0.6706
CMYK	0.61, 0.00, 0.44, 0.42
HSL	137°, 44%, 41%
HSV	137°, 61%, 58%
XYZ	14.0926, 23.0345, 12.0909
YIQ	114.3810, -33.3710, -39.5070

# Conversions

## Conversions Part 2

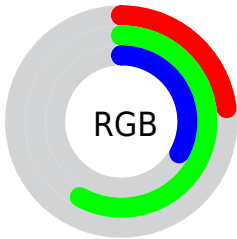
<b>Format</b>	<b>Color</b>
<b>RYB</b>	58, 129, 149
Decimal	3839316
CIELab	55.11, -41.86, 26.47
CIELCh	55, 49.527, 147.694
Yxy	23.0345, 0.2863, 0.4680
Android (android.graphics.Color)	4282029396 (0xFF3A9554)
YUV	114.3810, -14.9778, -49.4461
Hunter-Lab	47.9943, -31.5769, 18.6595

# Details

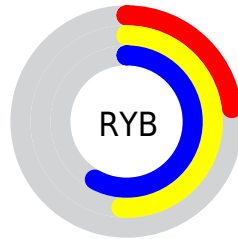
The Hex color **3A9554** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **953A7B**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **72CC86**, and **006125** is the 20% darker color. If you saturate the color by 10%, you get **2B9549**, and if you desaturate by 10%, it is **49955F**.

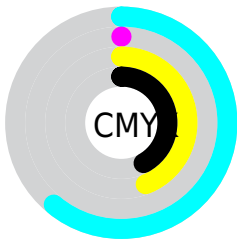
# Distribution



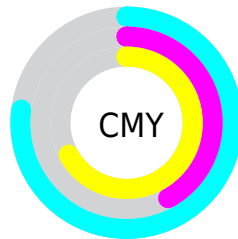
- Red (23%)
- Green (58%)
- Blue (33%)



- Red (23%)
- Yellow (51%)
- Blue (58%)



- Cyan (61%)
- Magenta (0%)
- Yellow (44%)
- Black (42%)



- Cyan (77%)
- Magenta (42%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3A9554 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 3A9554 by changing the saturation by 10% instead.





3A9554



3A9554

FFFFFF



197B3C



72CC86



006125



8EE8A1



00490E



AAFFBC



003100



C6FFD8



001A00



E3FFF5



000000



3A9554



3A9554



2B9549



49955F



1C953F



589569

 0D9534

 679574

 00952B

 76957F

 849589

 939594

 A2959E

 B195A9

 C095B4

# Harmonies

## Analogous

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



748D33



3A9554



00997F

# Triad

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



3A9554



008ADA



D1615F

# Complementary

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



3A9554



953A7B

# 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.



CF5D89



3A9554



807AD0

# Square

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



3A9554



0094CC



B568B2



BF703B

# Rectangle

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



3A9554



00999D



B568B2



D35E6C



# Sweetspot

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



3A9554



9FC2A9



7B953A



4C6152



E0E0E0



616161



# Same Dimension

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



3A9554



34C25D



3A9581



434A45



008A27



000A03



# Inverse Universe

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



953A7B



C23499



953A4E



4A4348



8A0062



0A0007



# Previews

## White Background



This preview shows how the Hex color 3A9554 looks on a white background.

## Color Contrast Check

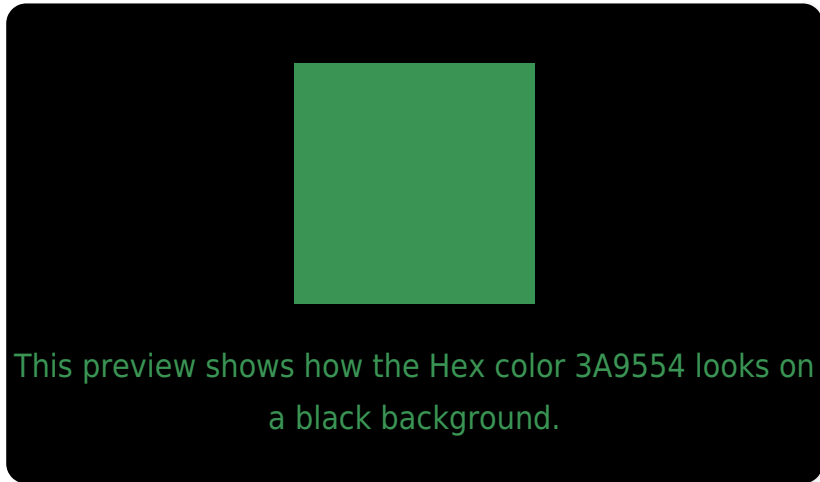
Large Text (above 18pt) WCAG AA ✓ Pass

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

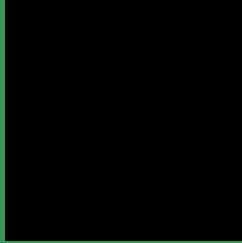
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 3A9554 Background



This preview shows how black text looks on a background with the Hex color 3A9554.

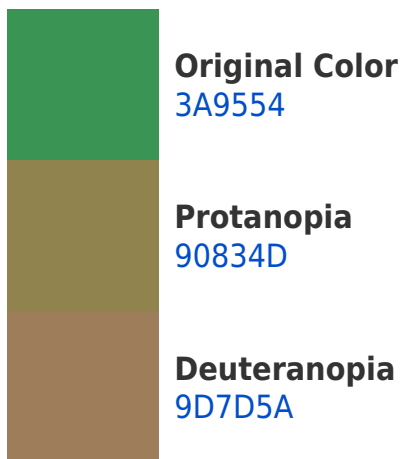


This preview shows how white text looks on a background with the Hex color 3A9554.

# 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](#).

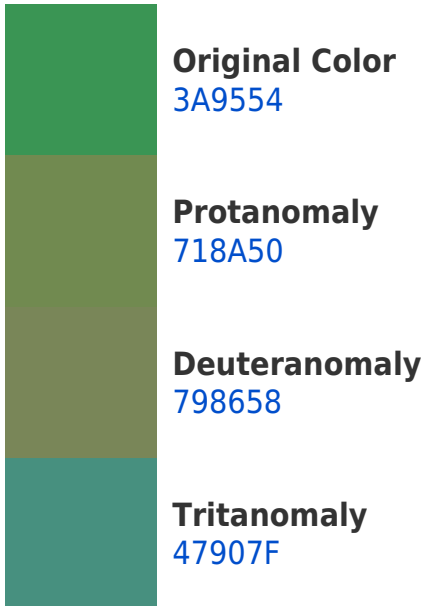
## Dichromacy





**Tritanopia**  
4E8D98

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3A9554 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 #3A9554 looks like.

```
.text, #text, p{  
    color:#3A9554  
}
```

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 #3A9554 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A9554
}
```

## Border

The CSS property to change the border of an element to Hex 3A9554 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
#3A9554 }
```

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

```
.border{ border-color:#3A9554 }
```

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

Here you see how a box with a 4 pixel #3A9554 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A9554; -webkit-box-shadow:4px 4px  
4px 4px #3A9554; box-shadow:4px 4px 4px  
4px #3A9554 }
```

# Background

The CSS property to change the background color of an element to Hex 3A9554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A9554 }
```

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

```
.background{ background-color:#3A9554 }
```

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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