

# Converting Colors

Hex(3F945A)

Have a look what the booklet for  
Hex(3F945A) contains.

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**Color**

**Hex(3F945A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3F945A
RGB	63, 148, 90
RGB Percent	25%, 58%, 35%
CMY	0.7529, 0.4196, 0.6471
CMYK	0.57, 0.00, 0.39, 0.42
HSL	139°, 40%, 41%
HSV	139°, 57%, 58%
XYZ	14.4853, 22.9748, 13.3440
YIQ	115.9730, -32.0420, -36.0580

# Conversions

## Conversions Part 2

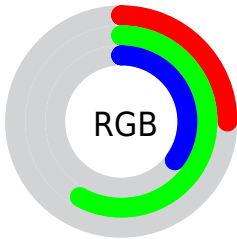
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	63, 128, 148
Decimal	4166746
CIE <sub>Lab</sub>	55.05, -39.16, 23.15
CIE <sub>LCh</sub>	55, 45.491, 149.409
Yxy	22.9748, 0.2851, 0.4522
Android (android.graphics.Color)	4282356826 (0xFF3F945A)
YUV	115.9730, -12.8047, -46.4573
Hunter-Lab	47.9320, -29.9375, 17.0464

# Details

The Hex color **3F945A** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **943F79**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **76CB8D**, and **00602B** is the 20% darker color. If you saturate the color by 10%, you get **309450**, and if you desaturate by 10%, it is **4E9464**.

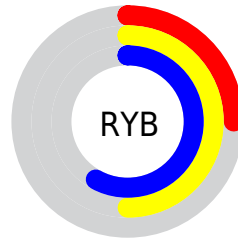
# Distribution



Red (25%)

Green (58%)

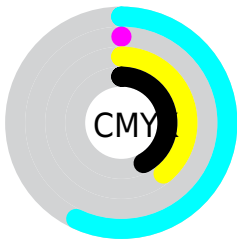
Blue (35%)



Red (25%)

Yellow (50%)

Blue (58%)

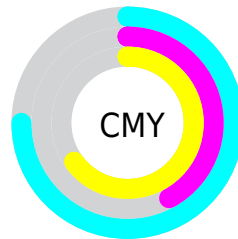


Cyan (57%)

Magenta (0%)

Yellow (39%)

Black (42%)



Cyan (75%)

Magenta (42%)

Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3F945A 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 3F945A by changing the saturation by 10% instead.





3F945A



3F945A

FFFFFF



217A42



76CB8D



00602B



91E7A7



004815



ADFFC3



003000



CAFFDF



001A00



E7FFFB



000000



3F945A



3F945A



309450



4E9464



219446



5D946E

■ 13943C

■ 6B9478

■ 049432

■ 7A9482

■ 00942F

■ 89948C

■ 989497

■ A794A1

■ B594AB

■ C494B5

# Harmonies

## Analogous

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



738D3C



3F945A



009782

# Triad

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



3F945A



3088D2



CB665F

# Complementary

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



3F945A



943F79

# 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.



CA6286



3F945A



847AC9

# Square

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



3F945A



0092C7



B36AAC



BA7340

# Rectangle

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



3F945A



00979D



B36AAC



CD636C



# Sweetspot

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



3F945A



9FBFA9



79943F



4E6154



E0E0E0



616161



# Same Dimension

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



3F945A



3BBF65



3F9484



434A45



008A2C



000A03



# Inverse Universe

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



943F79



BF3B95



943F4F



4A4348



8A005E



0A0007



# Previews

## White Background



This preview shows how the Hex color 3F945A looks on a white background.

## Color Contrast Check

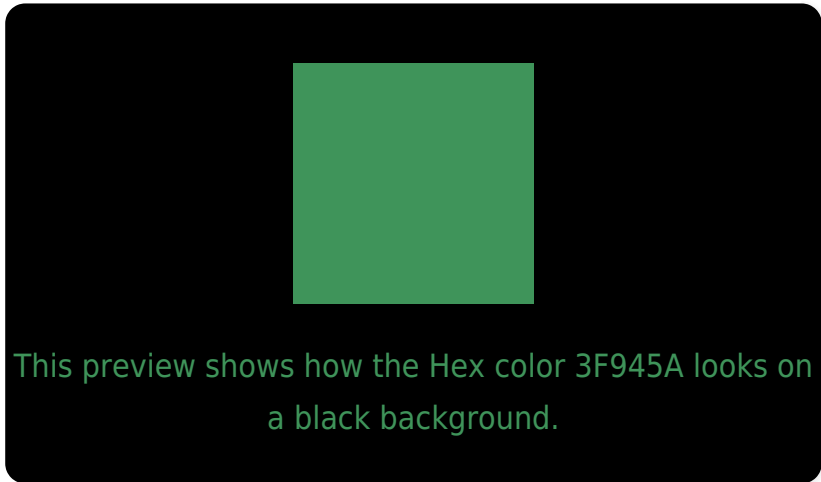
Large Text (above 18pt) WCAG AA ✓ Pass

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

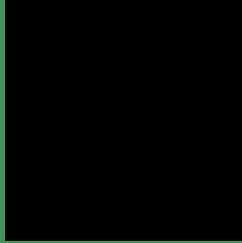
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 3F945A Background



This preview shows how black text looks on a background with the Hex color 3F945A.



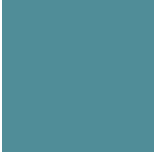
This preview shows how white text looks on a background with the Hex color 3F945A.

# 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](#).

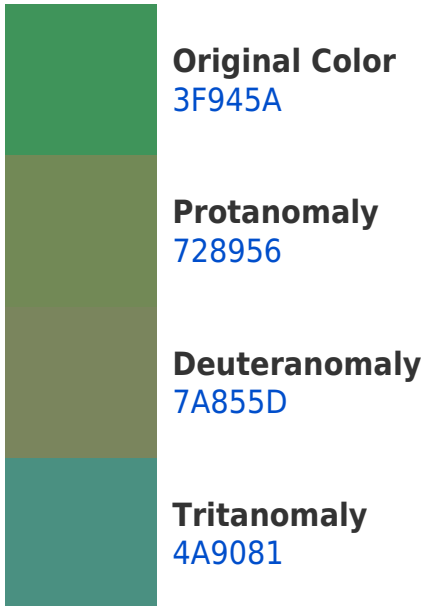
## Dichromacy



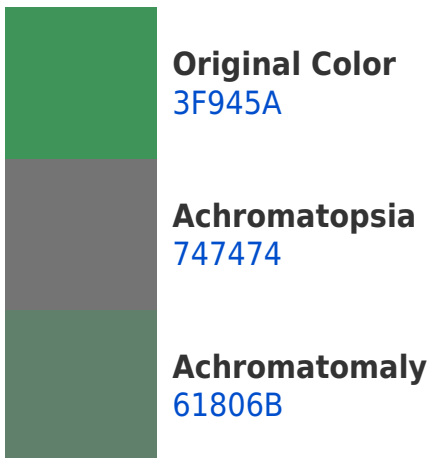


**Tritanopia**  
508D98

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3F945A 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 #3F945A looks like.

```
.text, #text, p{  
    color:#3F945A  
}
```

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 #3F945A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F945A
}
```

## Border

The CSS property to change the border of an element to Hex 3F945A 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
#3F945A }
```

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

```
.border{ border-color:#3F945A }
```

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

Here you see how a box with a 4 pixel #3F945A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F945A; -webkit-box-shadow:4px 4px  
4px 4px #3F945A; box-shadow:4px 4px 4px  
4px #3F945A }
```

# Background

The CSS property to change the background color of an element to Hex 3F945A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F945A }
```

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

```
.background{ background-color:#3F945A }
```

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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