

# Converting Colors

Hex(3F6C39)

Have a look what the booklet for  
Hex(3F6C39) contains.

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# Color

Hex(3F6C39)

# Conversions

## Conversions Part 1

Format	Color
Hex	3F6C39
RGB	63, 108, 57
RGB Percent	25%, 42%, 22%
CMY	0.7529, 0.5765, 0.7765
CMYK	0.42, 0.00, 0.47, 0.58
HSL	113°, 31%, 32%
HSV	113°, 47%, 42%
XYZ	8.1510, 12.0773, 5.7724
YIQ	88.7310, -10.4490, -25.4010

# Conversions

## Conversions Part 2

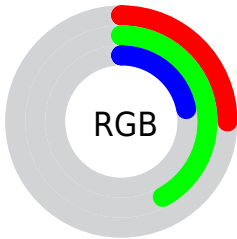
<b>Format</b>	<b>Color</b>
<b>RYB</b>	57, 108, 102
Decimal	4156473
CIELab	41.34, -26.66, 23.73
CIELCh	41, 35.687, 138.328
Yxy	12.0773, 0.3135, 0.4645
Android (android.graphics.Color)	4282346553 (0xFF3F6C39)
YUV	88.7310, -15.6434, -22.5661
Hunter-Lab	34.7524, -18.9505, 14.4785

# Details

The Hex color **3F6C39** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **66396C**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **71A069**, and **0C3C0D** is the 20% darker color. If you saturate the color by 10%, you get **356C2E**, and if you desaturate by 10%, it is **496C44**.

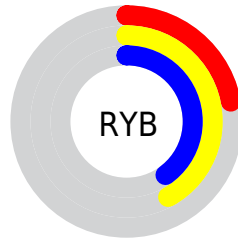
# Distribution



Red (25%)

Green (42%)

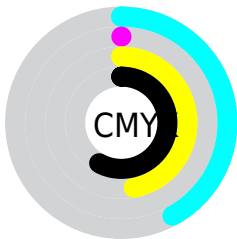
Blue (22%)



Red (22%)

Yellow (42%)

Blue (40%)

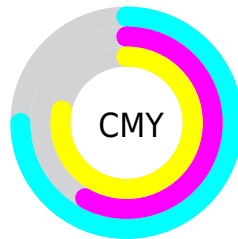


Cyan (42%)

Magenta (0%)

Yellow (47%)

Black (58%)



Cyan (75%)

Magenta (58%)

Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3F6C39 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 3F6C39 by changing the saturation by 10% instead.





3F6C39



3F6C39

FFFFFF



275323



71A069



0C3C0D



8BBB82



002600



A6D79D



000900



C2F3B8



000000



DEFFD3



FBFFF0



3F6C39



3F6C39



356C2E



496C44

 2C6C23

 526C4F

 226C19

 5C6C59

 196C0E

 656C64

 0F6C03

 6F6C6F

 0D6C00

 786C7A

 826C85

 8B6C8F

 956C9A

# Harmonies

## Analogous

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



616527



3F6C39



007055

# Triad

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



3F6C39



00689B



984951

# Complementary

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



3F6C39



66396C

# 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.



924A6E



3F6C39



505E99

# Square

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



3F6C39



006E8D



7A5389



905137

# Rectangle

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



3F6C39



007069



7A5389



98485A



# Sweetspot

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



3F6C39



7B8C79



6C6539



3D473B



C7C7C7



474747



# Same Dimension

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



3F6C39



468C3C



396C4C



313630



0E7500



1DF500



# Inverse Universe

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



66396C



833C8C



6C3959



353036



680075



D800F5



# Previews

## White Background



This preview shows how the Hex color 3F6C39 looks on a white background.

## Color Contrast Check

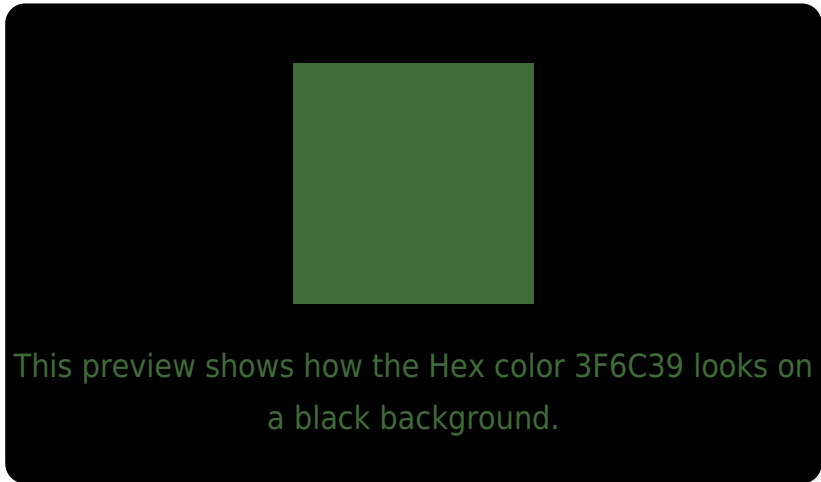
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

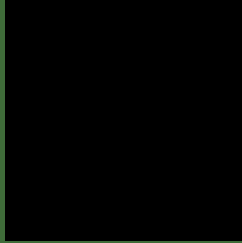
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3F6C39 Background



This preview shows how black text looks on a background with the Hex color 3F6C39.



This preview shows how white text looks on a background with the Hex color 3F6C39.

# 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**  
3F6C39

**Protanopia**  
6B6135

**Deuteranopia**  
755D3D



**Tritanopia**  
49666E

# Trichromacy



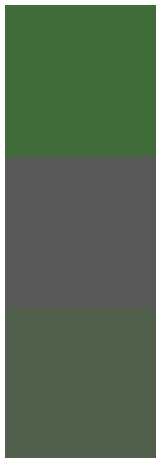
**Original Color**  
3F6C39

**Protanomaly**  
5B6536

**Deuteranomaly**  
61623C

**Tritanomaly**  
45685B

# Monochromacy



**Original Color**  
3F6C39

**Achromatopsia**  
595959

**Achromatomaly**  
50604D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3F6C39 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 #3F6C39 looks like.

```
.text, #text, p{  
    color:#3F6C39  
}
```

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 #3F6C39 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F6C39
}
```

## Border

The CSS property to change the border of an element to Hex 3F6C39 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
#3F6C39 }
```

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

```
.border{ border-color:#3F6C39 }
```

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

Here you see how a box with a 4 pixel #3F6C39 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F6C39; -webkit-box-shadow:4px 4px  
4px 4px #3F6C39; box-shadow:4px 4px 4px  
4px #3F6C39 }
```

# Background

The CSS property to change the background color of an element to Hex 3F6C39 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F6C39 }
```

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

```
.background{ background-color:#3F6C39 }
```

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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