

# Converting Colors

Hex(3F5037)

Have a look what the booklet for  
Hex(3F5037) contains.

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# Color

**Hex(3F5037)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3F5037
RGB	63, 80, 55
RGB Percent	25%, 31%, 22%
CMY	0.7529, 0.6863, 0.7843
CMYK	0.21, 0.00, 0.31, 0.69
HSL	101°, 19%, 26%
HSV	101°, 31%, 31%
XYZ	5.6081, 7.0699, 4.6835
YIQ	72.0670, -2.1070, -11.3790

# Conversions

## Conversions Part 2

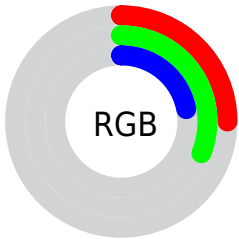
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">55, 80, 72</a>
Decimal	<a href="#">4149303</a>
CIELab	<a href="#">31.97, -12.09, 12.62</a>
CIElCh	<a href="#">32, 17.482, 133.772</a>
Yxy	<a href="#">7.0699, 0.3230, 0.4072</a>
Android (android.graphics.Color)	<a href="#">4282339383 (0xFF3F5037)</a>
YUV	<a href="#">72.0670, -8.4140, -7.9518</a>
Hunter-Lab	<a href="#">26.5893, -8.8826, 8.1691</a>

# Details

The Hex color **3F5037** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **483750**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **6F8166**, and **14230C** is the 20% darker color. If you saturate the color by 10%, you get **3A502F**, and if you desaturate by 10%, it is **44503F**.

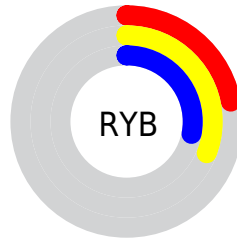
# Distribution



Red (25%)

Green (31%)

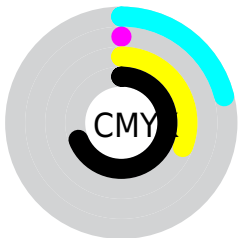
Blue (22%)



Red (22%)

Yellow (31%)

Blue (28%)

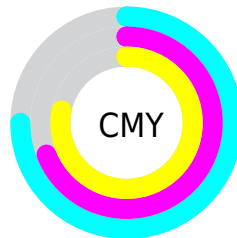


Cyan (21%)

Magenta (0%)

Yellow (31%)

Black (69%)



Cyan (75%)

Magenta (69%)

Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3F5037 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 3F5037 by changing the saturation by 10% instead.



 3F5037

 3F5037

FFFFFF

 293921

 6F8166

 14230C

 899B7F

 000D00

 A3B699

 000000

 BED2B4

 DAEECF

 F7FFEC

 3F5037

 3F5037

 3A502F

 44503F

■ 345027

■ 4A5047

■ 2F501F

■ 4F504F

■ 295017

■ 555057

■ 24500F

■ 5A505F

■ 1E5007

■ 605067

■ 1A5000

■ 65506F

■ 6B5077

■ 70507F

# Harmonies

## Analogous

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



4E4C30



3F5037



2F5243

# Triad

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



3F5037



2E4F65



674145

# Complementary

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



3F5037



483750

# 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.



624253



3F5037



424A66

# Square

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



3F5037



1F525E



55455F



644339

# Rectangle

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



3F5037



25534D



55455F



66414A



# Sweetspot

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



3F5037



62695F



504837



323630



B5B5B5



363636



# Same Dimension

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



3F5037



4E6941



37503B



262925



216900



4AE800



# Inverse Universe

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



483750



5C4169



50374C



272529



470069

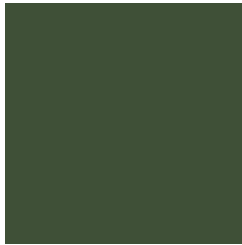


9E00E8



# Previews

## White Background



This preview shows how the Hex color 3F5037 looks on a white background.

## Color Contrast Check

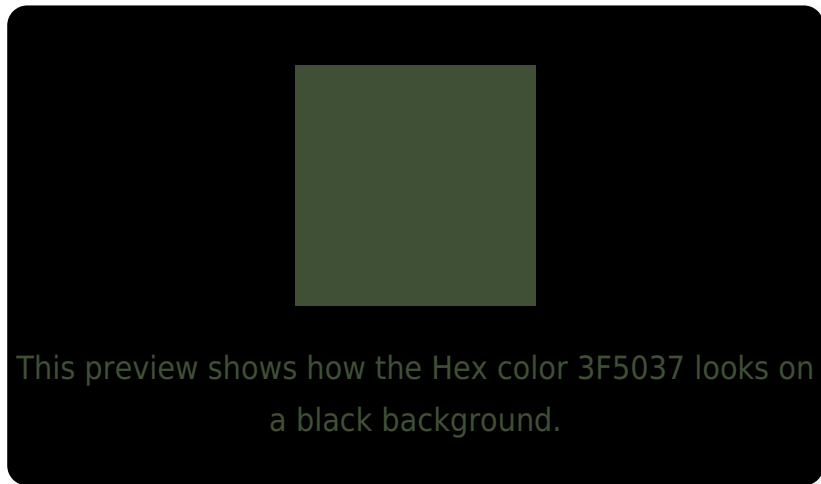
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

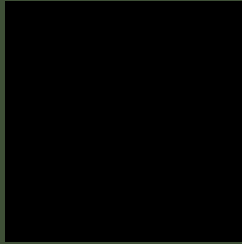
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3F5037 Background



This preview shows how black text looks on a background with the Hex color 3F5037.



This preview shows how white text looks on a background with the Hex color 3F5037.

# 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**  
3F5037

**Protanopia**  
514B35

**Deuteranopia**  
584839



**Tritanopia**  
434D53

# Trichromacy



**Original Color**  
3F5037

**Protanomaly**  
4A4D36

**Deuteranomaly**  
4F4B38

**Tritanomaly**  
424E49

# Monochromacy



**Original Color**  
3F5037

**Achromatopsia**  
484848

**Achromatomaly**  
454B42

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3F5037 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 #3F5037 looks like.

```
.text, #text, p{  
  color:#3F5037  
}
```

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 #3F5037 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F5037
}
```

## Border

The CSS property to change the border of an element to Hex 3F5037 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
#3F5037 }
```

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

```
.border{ border-color:#3F5037 }
```

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

Here you see how a box with a 4 pixel #3F5037 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F5037; -webkit-box-shadow:4px 4px  
4px 4px #3F5037; box-shadow:4px 4px 4px  
4px #3F5037 }
```

# Background

The CSS property to change the background color of an element to Hex 3F5037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F5037 }
```

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

```
.background{ background-color:#3F5037 }
```

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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