

# Converting Colors

Hex(3F5C3B)

Have a look what the booklet for  
Hex(3F5C3B) contains.

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# Color

**Hex(3F5C3B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3F5C3B
RGB	63, 92, 59
RGB Percent	25%, 36%, 23%
CMY	0.7529, 0.6392, 0.7686
CMYK	0.32, 0.00, 0.36, 0.64
HSL	113°, 22%, 30%
HSV	113°, 36%, 36%
XYZ	6.6665, 9.0268, 5.5287
YIQ	79.5670, -6.6910, -16.4110

# Conversions

## Conversions Part 2

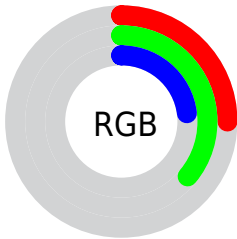
Format	Color
<b>RYB</b>	59, 92, 88
Decimal	4152379
CIELab	36.04, -18.09, 15.66
CIELCh	36, 23.927, 139.127
Yxy	9.0268, 0.3141, 0.4254
Android (android.graphics.Color)	4282342459 (0xFF3F5C3B)
YUV	79.5670, -10.1395, -14.5293
Hunter-Lab	30.0447, -12.9717, 10.1210

# Details

The Hex color **3F5C3B** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **583B5C**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **708E6B**, and **122E10** is the 20% darker color. If you saturate the color by 10%, you get **375C32**, and if you desaturate by 10%, it is **475C44**.

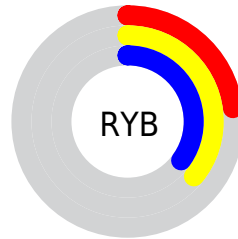
# Distribution



Red (25%)

Green (36%)

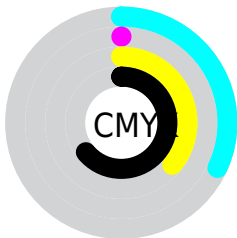
Blue (23%)



Red (23%)

Yellow (36%)

Blue (35%)

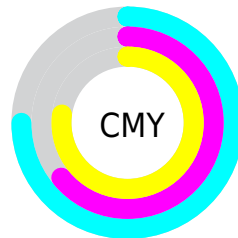


Cyan (32%)

Magenta (0%)

Yellow (36%)

Black (64%)



Cyan (75%)

Magenta (64%)

Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3F5C3B 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 3F5C3B by changing the saturation by 10% instead.





3F5C3B



3F5C3B

FFFFFF



284425



708E6B



122E10



89A984



001B00



A4C49E



000000



BFE0B9



DBFDD5



F8FFF1



3F5C3B



3F5C3B



375C32



475C44

■ 2F5C29

■ 4F5C4D

■ 275C1F

■ 575C57

■ 1F5C16

■ 5F5C60

■ 175C0D

■ 675C69

■ 0E5C04

■ 705C72

■ 0B5C00

■ 785C7B

■ 805C85

■ 885C8E

# Harmonies

## Analogous

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



555730



3F5C3B



255E4D

# Triad

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



3F5C3B



2B597A



7A4649

# Complementary

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



3F5C3B



583B5C

# 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.



75465D



3F5C3B



4D5279

# Square

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



3F5C3B



005D71



664B6E



754B39

# Rectangle

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



3F5C3B



0F5F5A



664B6E



7A4650



# Sweetspot

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



3F5C3B



6C786B



5C583B



363D35



BDBDBD



3D3D3D



# Same Dimension

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



3F5C3B



4B7844



3B5C47



2A2E29



0D6E00



1DED00



# Inverse Universe

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



583B5C



724478



5C3B50



2D292E



60006E

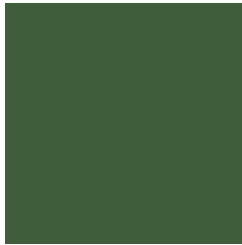


D000ED



# Previews

## White Background



This preview shows how the Hex color 3F5C3B looks on a white background.

## Color Contrast Check

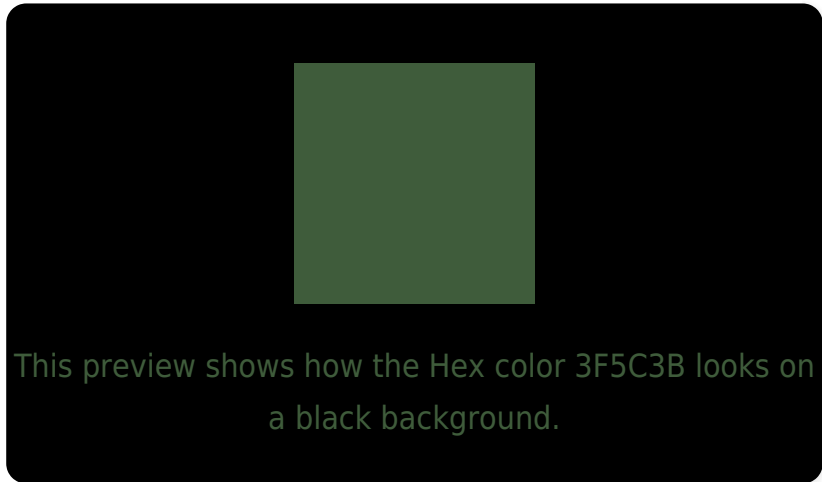
Large Text (above 18pt) WCAG AA ✓ Pass

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

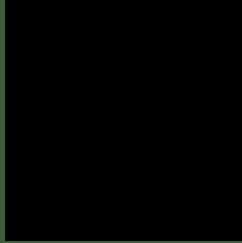
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3F5C3B Background



This preview shows how black text looks on a background with the Hex color 3F5C3B.



This preview shows how white text looks on a background with the Hex color 3F5C3B.

# 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](#).

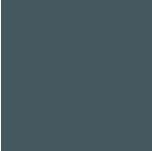
## Dichromacy



**Original Color**  
3F5C3B

**Protanopia**  
5C5438

**Deuteranopia**  
64513D



**Tritanopia**  
45585F

# Trichromacy



**Original Color**  
3F5C3B

**Protanomaly**  
515739

**Deuteranomaly**  
57553C

**Tritanomaly**  
435952

# Monochromacy



**Original Color**  
3F5C3B

**Achromatopsia**  
505050

**Achromatomaly**  
4A5448

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3F5C3B 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 #3F5C3B looks like.

```
.text, #text, p{  
    color:#3F5C3B  
}
```

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 #3F5C3B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F5C3B
}
```

## Border

The CSS property to change the border of an element to Hex 3F5C3B 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
#3F5C3B }
```

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

```
.border{ border-color:#3F5C3B }
```

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

Here you see how a box with a 4 pixel #3F5C3B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F5C3B; -webkit-box-shadow:4px 4px  
4px 4px #3F5C3B; box-shadow:4px 4px 4px  
4px #3F5C3B }
```

# Background

The CSS property to change the background color of an element to Hex 3F5C3B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F5C3B }
```

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

```
.background{ background-color:#3F5C3B }
```

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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