

# Converting Colors

Hex(3F5E44)

Have a look what the booklet for  
Hex(3F5E44) contains.

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# Color

Hex(3F5E44)

# Conversions

## Conversions Part 1

Format	Color
Hex	3F5E44
RGB	63, 94, 68
RGB Percent	25%, 37%, 27%
CMY	0.7529, 0.6314, 0.7333
CMYK	0.33, 0.00, 0.28, 0.63
HSL	130°, 20%, 31%
HSV	130°, 33%, 37%
XYZ	7.0960, 9.4795, 6.9246
YIQ	81.7670, -10.1300, -14.6580

# Conversions

## Conversions Part 2

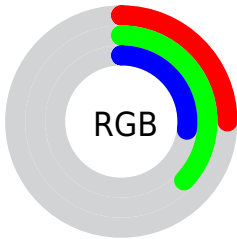
<b>Format</b>	<b>Color</b>
<b>RYB</b>	63, 90, 94
Decimal	4152900
CIELab	36.89, -17.44, 11.36
CIELCh	37, 20.818, 146.925
Yxy	9.4795, 0.3020, 0.4034
Android (android.graphics.Color)	4282342980 (0xFF3F5E44)
YUV	81.7670, -6.7871, -16.4587
Hunter-Lab	30.7888, -12.7411, 8.2175

# Details

The Hex color **3F5E44** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **5E3F59**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **709174**, and **123019** is the 20% darker color. If you saturate the color by 10%, you get **365E3C**, and if you desaturate by 10%, it is **485E4C**.

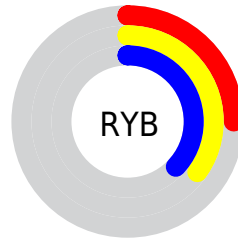
# Distribution



Red (25%)

Green (37%)

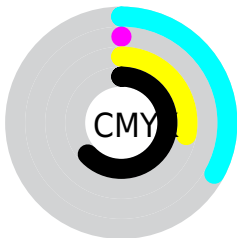
Blue (27%)



Red (25%)

Yellow (35%)

Blue (37%)

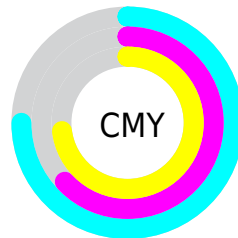


Cyan (33%)

Magenta (0%)

Yellow (28%)

Black (63%)



Cyan (75%)

Magenta (63%)

Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3F5E44 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 3F5E44 by changing the saturation by 10% instead.





3F5E44



3F5E44

FFFFFF



28462E



709174



123019



89AB8E



001C00



A4C7A8



000000



BFE3C4



DBFFDF



F8FFFC



3F5E44



3F5E44



365E3C



485E4C

 2C5E34

 525E54

 235E2C

 5B5E5C

 195E24

 655E64


 105E1D

 6E5E6B

 075E15

 775E73

 005E0F

 815E7B

 8A5E83

 945E8B

# Harmonies

## Analogous

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



535A38



3F5E44



2B6054

# Triad

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



3F5E44



3D5978



784B48

# Complementary

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



3F5E44



5E3F59

# 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.



764A59



3F5E44



575375

# Square

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



3F5E44



245D72



6A4D69



714F3B

# Rectangle

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



3F5E44



1F6060



6A4D69



784A4E



# Sweetspot

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



3F5E44



6E7A70



595E3F



363D37



BDBDBD



3D3D3D



# Same Dimension

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



3F5E44



497A51



3F5E53



292E2A



006E12



00ED26



# Inverse Universe

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



5E3F59



7A4973



5E3F4A



2E292D



6E005C

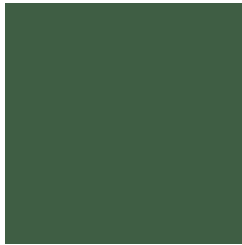


ED00C7



# Previews

## White Background



This preview shows how the Hex color 3F5E44 looks on a white background.

## Color Contrast Check

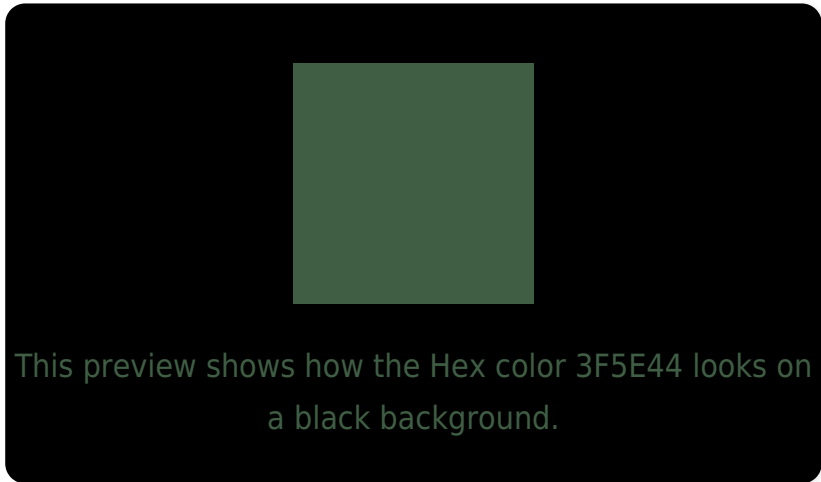
Large Text (above 18pt) WCAG AA ✓ Pass

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

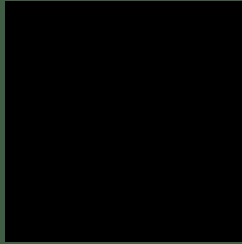
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3F5E44 Background



This preview shows how black text looks on a background with the Hex color 3F5E44.



This preview shows how white text looks on a background with the Hex color 3F5E44.

# 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](#).

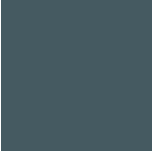
## Dichromacy



**Original Color**  
3F5E44

**Protanopia**  
5D5641

**Deuteranopia**  
645346



**Tritanopia**  
455A61

# Trichromacy



**Original Color**  
3F5E44

**Protanomaly**  
525942

**Deuteranomaly**  
575745

**Tritanomaly**  
435B56

# Monochromacy



**Original Color**  
3F5E44

**Achromatopsia**  
525252

**Achromatomaly**  
4B564D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3F5E44 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 #3F5E44 looks like.

```
.text, #text, p{  
    color:#3F5E44  
}
```

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 #3F5E44 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F5E44
}
```

## Border

The CSS property to change the border of an element to Hex 3F5E44 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
#3F5E44 }
```

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

```
.border{ border-color:#3F5E44 }
```

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

Here you see how a box with a 4 pixel #3F5E44 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F5E44; -webkit-box-shadow:4px 4px  
4px 4px #3F5E44; box-shadow:4px 4px 4px  
4px #3F5E44 }
```

# Background

The CSS property to change the background color of an element to Hex 3F5E44 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F5E44 }
```

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

```
.background{ background-color:#3F5E44 }
```

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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