

Converting Colors

Hex(3F5E46)

Have a look what the booklet for
Hex(3F5E46) contains.

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Color

Hex(3F5E46)

Conversions

Conversions Part 1

Format	Color
Hex	3F5E46
RGB	63, 94, 70
RGB Percent	25%, 37%, 27%
CMY	0.7529, 0.6314, 0.7255
CMYK	0.33, 0.00, 0.26, 0.63
HSL	134°, 20%, 31%
HSV	134°, 33%, 37%
XYZ	7.1581, 9.5044, 7.2516
YIQ	81.9950, -10.7720, -14.0360

Conversions

Conversions Part 2

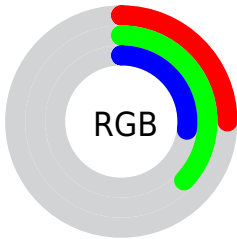
Format	Color
RYB	63, 88, 94
Decimal	4152902
CIELab	36.94, -17.03, 10.20
CIELCh	37, 19.853, 149.074
Yxy	9.5044, 0.2993, 0.3974
Android (android.graphics.Color)	4282342982 (0xFF3F5E46)
YUV	81.9950, -5.9135, -16.6586
Hunter-Lab	30.8292, -12.5058, 7.6343

Details

The Hex color **3F5E46** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5E3F57**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **709176**, and **12301B** is the 20% darker color. If you saturate the color by 10%, you get **365E3F**, and if you desaturate by 10%, it is **485E4D**.

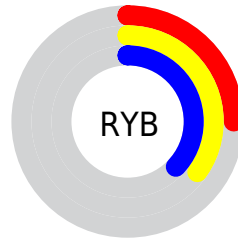
Distribution



Red (25%)

Green (37%)

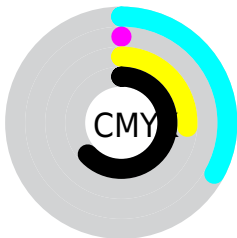
Blue (27%)



Red (25%)

Yellow (35%)

Blue (37%)

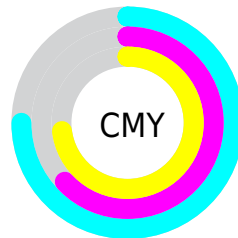


Cyan (33%)

Magenta (0%)

Yellow (26%)

Black (63%)



Cyan (75%)

Magenta (63%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F5E46 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 3F5E46 by changing the saturation by 10% instead.

■ 3F5E46

■ 3F5E46

FFFFFF

■ 284630

■ 709176

■ 12301B

■ 89AB90

■ 001C00

■ A4C7AB

■ 000000

■ BFE3C6

■ DBFFE2

■ F8FFFF

■ 3F5E46

■ 3F5E46

■ 365E3F

■ 485E4D

■ 2C5E37

■ 525E55

■ 235E30

■ 5B5E5C

■ 195E29

■ 655E63

■ 105E22

■ 6E5E6A

■ 075E1A

■ 775E72

■ 005E15

■ 815E79

■ 8A5E80

■ 945E87

Harmonies

Analogous

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



525B3B



3F5E46



2C6056

Triad

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



3F5E46



415977



764C48

Complementary

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



3F5E46



5E3F57

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.



754B58



3F5E46



585373

Square

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



3F5E46



2A5D72



6B4E68



6F503C

Rectangle

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



3F5E46



236061



6B4E68



774B4D

Sweetspot

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



3F5E46



6E7A71



575E3F



363D38



BDBDBD



3D3D3D

Same Dimension

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



3F5E46



497A54



3F5E55



292E2A



006E19



00ED36

Inverse Universe

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



5E3F57



7A496F



5E3F48



2E292D



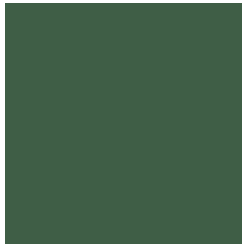
6E0055



ED00B8

Previews

White Background



This preview shows how the Hex color 3F5E46 looks on a white background.

Color Contrast Check

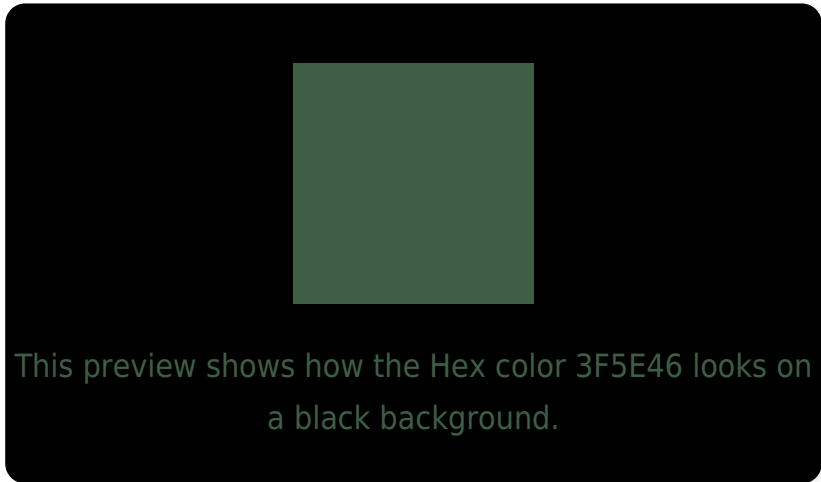
Large Text (above 18pt) WCAG AA ✓ Pass

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

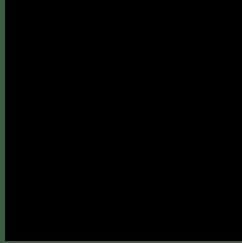
Any Text WCAG AA × Fail

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 3F5E46 Background



This preview shows how black text looks on a background with the Hex color 3F5E46.



This preview shows how white text looks on a background with the Hex color 3F5E46.

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](#).

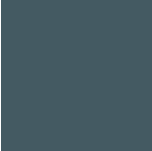
Dichromacy



Original Color
3F5E46

Protanopia
5C5643

Deuteranopia
645348



Tritanopia
445A62

Trichromacy



Original Color

3F5E46

Protanomaly

515944

Deuteranomaly

575747

Tritanomaly

425B58

Monochromacy



Original Color

3F5E46

Achromatopsia

525252

Achromatomaly

4B564E

CSS Examples

Text

The CSS property to change the color of the text to Hex 3F5E46 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 #3F5E46 looks like.

```
.text, #text, p{  
    color:#3F5E46  
}
```

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 #3F5E46 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F5E46  
}
```

Border

The CSS property to change the border of an element to Hex 3F5E46 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  
#3F5E46 }
```

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

```
.border{ border-color:#3F5E46 }
```

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

Here you see how a box with a 4 pixel #3F5E46 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F5E46; -webkit-box-shadow:4px 4px  
4px 4px #3F5E46; box-shadow:4px 4px 4px  
4px #3F5E46 }
```

Background

The CSS property to change the background color of an element to Hex 3F5E46 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F5E46 }
```

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

```
.background{ background-color:#3F5E46 }
```

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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