

Converting Colors

Hex(3F5A46)

Have a look what the booklet for
Hex(3F5A46) contains.

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Color

Hex(3F5A46)

Conversions

Conversions Part 1

Format	Color
Hex	3F5A46
RGB	63, 90, 70
RGB Percent	25%, 35%, 27%
CMY	0.7529, 0.6471, 0.7255
CMYK	0.30, 0.00, 0.22, 0.65
HSL	136°, 18%, 30%
HSV	136°, 30%, 35%
XYZ	6.8116, 8.8113, 7.1361
YIQ	79.6470, -9.6720, -11.9440

Conversions

Conversions Part 2

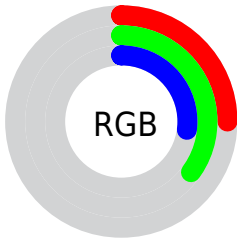
Format	Color
RYB	63, 84, 90
Decimal	4151878
CIELab	35.62, -14.81, 8.36
CIElCh	36, 17.005, 150.549
Yxy	8.8113, 0.2993, 0.3872
Android (android.graphics.Color)	4282341958 (0xFF3F5A46)
YUV	79.6470, -4.7560, -14.5994
Hunter-Lab	29.6838, -10.9862, 6.5251

Details

The Hex color **3F5A46** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5A3F53**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **6F8C76**, and **132C1B** is the 20% darker color. If you saturate the color by 10%, you get **365A3F**, and if you desaturate by 10%, it is **485A4D**.

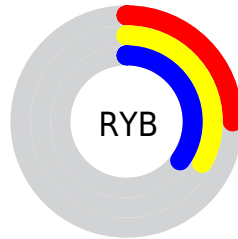
Distribution



 Red (25%)

 Green (35%)

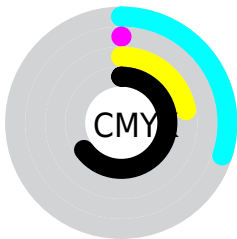
 Blue (27%)



 Red (25%)

 Yellow (33%)

 Blue (35%)

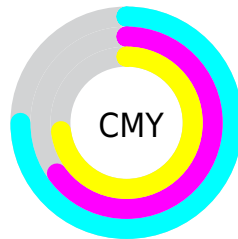


 Cyan (30%)

 Magenta (0%)

 Yellow (22%)

 Black (65%)



 Cyan (75%)

 Magenta (65%)

 Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F5A46 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 3F5A46 by changing the saturation by 10% instead.



3F5A46



3F5A46

FFFFFF



284230



6F8C76



132C1B



89A790



001900



A3C2AA



000000



BFDEC6



DBFAE2



F7FFFE



3F5A46



3F5A46



365A3F



485A4D

■ 2D5A39

■ 515A53

■ 245A32

■ 5A5A5A

■ 1B5A2B

■ 635A61

■ 125A25

■ 6C5A67

■ 095A1E

■ 755A6E

■ 005A17

■ 7E5A75

■ 875A7B

■ 905A82

Harmonies

Analogous

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



4F573C



3F5A46



315B54

Triad

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



3F5A46



43556F



6F4B47

Complementary

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



3F5A46



5A3F53

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.



6E4A54



3F5A46



56506B

Square

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



3F5A46



31596B



654C61



694E3D

Rectangle

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



3F5A46



2A5B5D



654C61



6F4A4B

Sweetspot

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



3F5A46



6B756D



535A3F



343B36



BABABA



3B3B3B

Same Dimension

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



3F5A46



4B7556



3F5A53



292E2B



006E1C



00ED3D

Inverse Universe

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



5A3F53



754B6A



5A3F46



2E292D



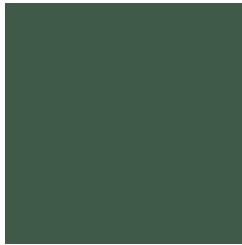
6E0051



ED00B0

Previews

White Background



This preview shows how the Hex color 3F5A46 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

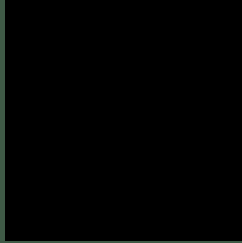
Any Text WCAG AA × Fail

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 3F5A46 Background



This preview shows how black text looks on a background with the Hex color 3F5A46.



This preview shows how white text looks on a background with the Hex color 3F5A46.

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
3F5A46

Protanopia
595343

Deuteranopia
605048



Tritanopia
44575E

Trichromacy



Original Color
3F5A46

Protanomaly
505644

Deuteranomaly
545447

Tritanomaly
425855

Monochromacy



Original Color
3F5A46

Achromatopsia
505050

Achromatomaly
4A544C

CSS Examples

Text

The CSS property to change the color of the text to Hex 3F5A46 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 #3F5A46 looks like.

```
.text, #text, p{  
    color:#3F5A46  
}
```

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 #3F5A46 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F5A46  
}
```

Border

The CSS property to change the border of an element to Hex 3F5A46 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  
#3F5A46 }
```

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

```
.border{ border-color:#3F5A46 }
```

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

Here you see how a box with a 4 pixel #3F5A46 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F5A46; -webkit-box-shadow:4px 4px  
4px 4px #3F5A46; box-shadow:4px 4px 4px  
4px #3F5A46 }
```

Background

The CSS property to change the background color of an element to Hex 3F5A46 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F5A46 }
```

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

```
.background{ background-color:#3F5A46 }
```

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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