

Converting Colors

Hex(3F5746)

Have a look what the booklet for
Hex(3F5746) contains.

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Color

Hex(3F5746)

Conversions

Conversions Part 1

Format	Color
Hex	3F5746
RGB	63, 87, 70
RGB Percent	25%, 34%, 27%
CMY	0.7529, 0.6588, 0.7255
CMYK	0.28, 0.00, 0.20, 0.66
HSL	138°, 16%, 29%
HSV	138°, 28%, 34%
XYZ	6.5636, 8.3153, 7.0534
YIQ	77.8860, -8.8470, -10.3750

Conversions

Conversions Part 2

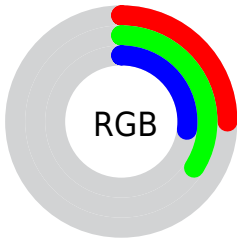
Format	Color
RYB	63, 82, 87
Decimal	4151110
CIELab	34.63, -13.10, 6.97
CIELCh	35, 14.843, 151.986
Yxy	8.3153, 0.2993, 0.3791
Android (android.graphics.Color)	4282341190 (0xFF3F5746)
YUV	77.8860, -3.8878, -13.0550
Hunter-Lab	28.8363, -9.8343, 5.6830

Details

The Hex color **3F5746** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **573F50**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **6F8976**, and **132A1B** is the 20% darker color. If you saturate the color by 10%, you get **365740**, and if you desaturate by 10%, it is **48574C**.

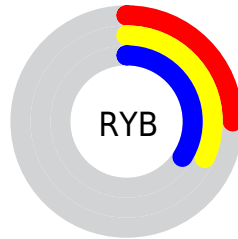
Distribution



Red (25%)

Green (34%)

Blue (27%)



Red (25%)

Yellow (32%)

Blue (34%)

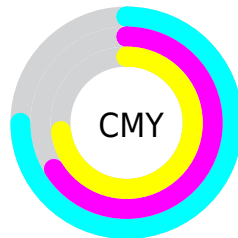


Cyan (28%)

Magenta (0%)

Yellow (20%)

Black (66%)



Cyan (75%)

Magenta (66%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F5746 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 3F5746 by changing the saturation by 10% instead.

■ 3F5746

■ 3F5746

FFFFFF

■ 294030

■ 6F8976

■ 132A1B

■ 89A390

■ 001600

■ A3BEAA

■ 000000

■ BEDAC6

■ DAF7E2

■ F7FFFE

■ 3F5746

■ 3F5746

■ 365740

■ 48574C

■ 2E573A

■ 505752

■ 255734

■ 595758

■ 1C572D

■ 62575F

■ 145727

■ 6A5765

■ 0B5721

■ 73576B

■ 02571B

■ 7C5771

■ 005719

■ 855777

■ 8D577D

Harmonies

Analogous

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



4D543D



3F5746



335852

Triad

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



3F5746



445269



694A45

Complementary

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



3F5746



573F50

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.



684951



3F5746



544E65

Square

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



3F5746



355666



614B5D



634D3D

Rectangle

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



3F5746



2F585A



614B5D



6A4949

Sweetspot

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



3F5746



67706A



50573F



323834



B8B8B8



383838

Same Dimension

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



3F5746



4B7056



3F5752



272B28



006B1F



00EB44

Inverse Universe

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



573F50



704B65



573F44



2B272A



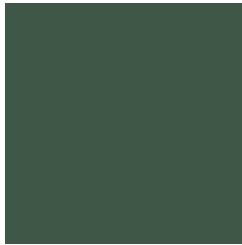
6B004C



EB00A6

Previews

White Background



This preview shows how the Hex color 3F5746 looks on a white background.

Color Contrast Check

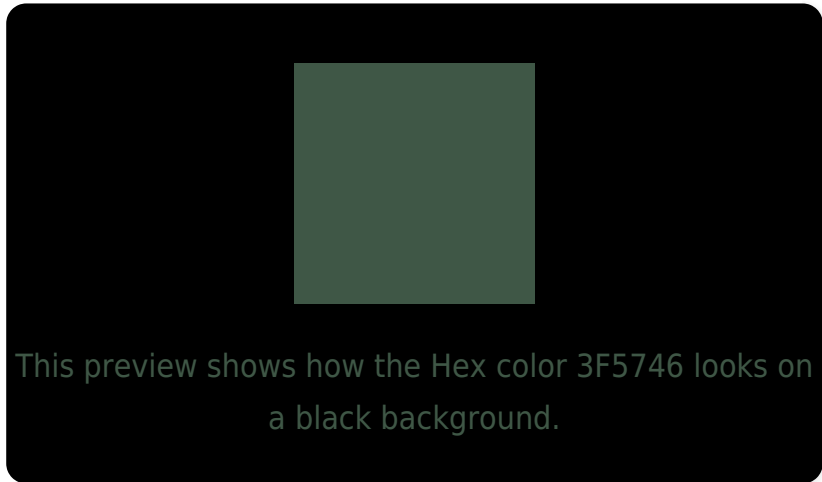
Large Text (above 18pt) WCAG AA ✓ Pass

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

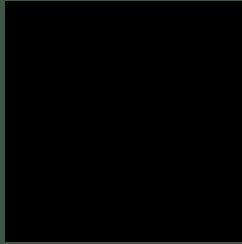
Any Text WCAG AA × Fail

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 3F5746 Background



This preview shows how black text looks on a background with the Hex color 3F5746.



This preview shows how white text looks on a background with the Hex color 3F5746.

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
3F5746

Protanopia
565143

Deuteranopia
5C4E48



Tritanopia
43545B

Trichromacy



Original Color
3F5746

Protanomaly
4E5344

Deuteranomaly
515147

Tritanomaly
425553

Monochromacy



Original Color
3F5746

Achromatopsia
4E4E4E

Achromatomaly
49514B

CSS Examples

Text

The CSS property to change the color of the text to Hex 3F5746 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 #3F5746 looks like.

```
.text, #text, p{  
    color:#3F5746  
}
```

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 #3F5746 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F5746
}
```

Border

The CSS property to change the border of an element to Hex 3F5746 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
#3F5746 }
```

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

```
.border{ border-color:#3F5746 }
```

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

Here you see how a box with a 4 pixel #3F5746 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F5746; -webkit-box-shadow:4px 4px  
4px 4px #3F5746; box-shadow:4px 4px 4px  
4px #3F5746 }
```

Background

The CSS property to change the background color of an element to Hex 3F5746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F5746 }
```

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

```
.background{ background-color:#3F5746 }
```

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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