

Converting Colors

Hex(3F5946)

Have a look what the booklet for
Hex(3F5946) contains.

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Color

Hex(3F5946)

Conversions

Conversions Part 1

Format	Color
Hex	3F5946
RGB	63, 89, 70
RGB Percent	25%, 35%, 27%
CMY	0.7529, 0.6510, 0.7255
CMYK	0.29, 0.00, 0.21, 0.65
HSL	136°, 17%, 30%
HSV	136°, 29%, 35%
XYZ	6.7278, 8.6437, 7.1082
YIQ	79.0600, -9.3970, -11.4210

Conversions

Conversions Part 2

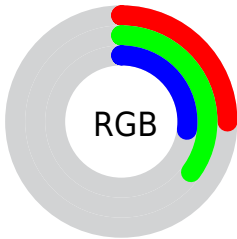
Format	Color
RYB	63, 83, 89
Decimal	4151622
CIELab	35.29, -14.24, 7.90
CIELCh	35, 16.287, 150.990
Yxy	8.6437, 0.2993, 0.3845
Android (android.graphics.Color)	4282341702 (0xFF3F5946)
YUV	79.0600, -4.4666, -14.0846
Hunter-Lab	29.4002, -10.6034, 6.2454

Details

The Hex color **3F5946** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **593F52**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **6F8B76**, and **132B1B** is the 20% darker color. If you saturate the color by 10%, you get **36593F**, and if you desaturate by 10%, it is **48594D**.

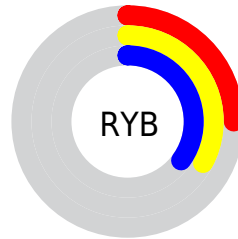
Distribution



Red (25%)

Green (35%)

Blue (27%)



Red (25%)

Yellow (33%)

Blue (35%)

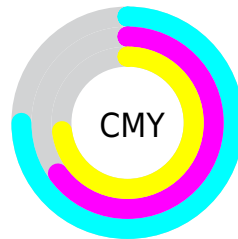


Cyan (29%)

Magenta (0%)

Yellow (21%)

Black (65%)



Cyan (75%)

Magenta (65%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F5946 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 3F5946 by changing the saturation by 10% instead.



3F5946



3F5946

FFFFFF



284230



6F8B76



132B1B



89A590



001800



A3C1AA



000000



BFDDC6



DAF9E2



F7FFFE



3F5946



3F5946



36593F



48594D

■ 2D5939

■ 515953

■ 245932

■ 5A595A

■ 1B592C

■ 635960

■ 135925

■ 6C5967

■ 0A591F

■ 74596D

■ 015918

■ 7D5974

■ 005918

■ 86597A

■ 8F5981

Harmonies

Analogous

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



4E563C



3F5946



325A53

Triad

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



3F5946



43546D



6D4A46

Complementary

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



3F5946



593F52

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.



6C4953



3F5946



564F69

Square

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



3F5946



325869



644B60



674E3D

Rectangle

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



3F5946



2C5A5C



644B60



6D4A4A

Sweetspot

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



3F5946



68736B



52593F



343B36



BABABA



3B3B3B

Same Dimension

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



3F5946



4B7355



3F5953



272B28



006B1D



00EB3F

Inverse Universe

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



593F52



734B68



593F45



2B272A



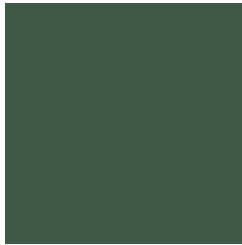
6B004E



EB00AB

Previews

White Background



This preview shows how the Hex color 3F5946 looks on a white background.

Color Contrast Check

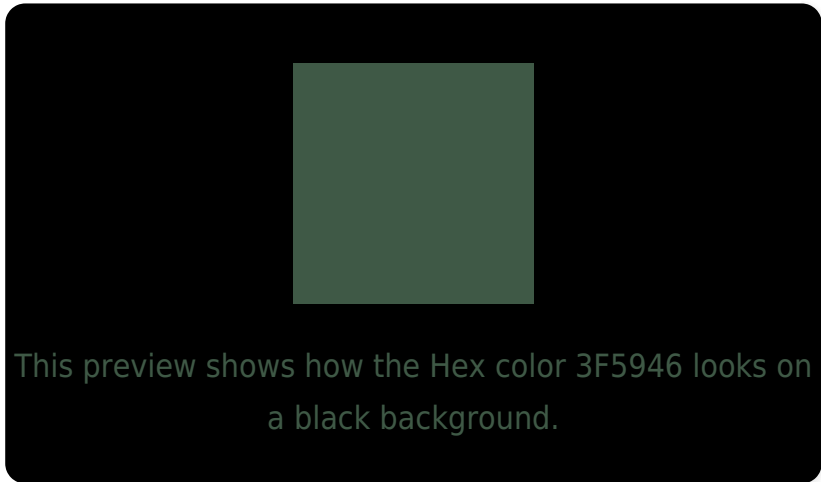
Large Text (above 18pt) WCAG AA ✓ Pass

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

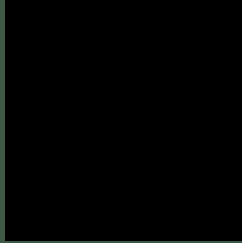
Any Text WCAG AA × Fail

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 3F5946 Background



This preview shows how black text looks on a background with the Hex color 3F5946.



This preview shows how white text looks on a background with the Hex color 3F5946.

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](#).

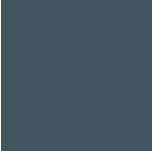
Dichromacy



Original Color
3F5946

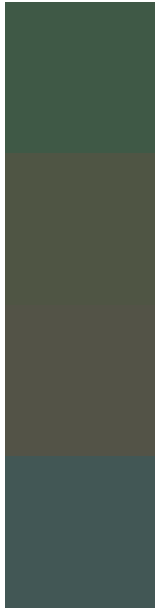
Protanopia
585343

Deuteranopia
5F5048



Tritanopia
43565D

Trichromacy



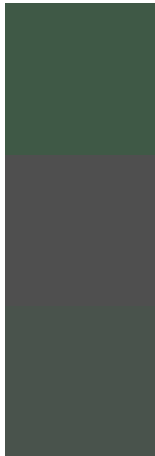
Original Color
3F5946

Protanomaly
4F5544

Deuteranomaly
535347

Tritanomaly
425755

Monochromacy



Original Color
3F5946

Achromatopsia
4F4F4F

Achromatomaly
49534C

CSS Examples

Text

The CSS property to change the color of the text to Hex 3F5946 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 #3F5946 looks like.

```
.text, #text, p{  
    color:#3F5946  
}
```

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 #3F5946 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F5946
}
```

Border

The CSS property to change the border of an element to Hex 3F5946 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
#3F5946 }
```

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

```
.border{ border-color:#3F5946 }
```

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

Here you see how a box with a 4 pixel #3F5946 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F5946; -webkit-box-shadow:4px 4px  
4px 4px #3F5946; box-shadow:4px 4px 4px  
4px #3F5946 }
```

Background

The CSS property to change the background color of an element to Hex 3F5946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F5946 }
```

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

```
.background{ background-color:#3F5946 }
```

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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