

Converting Colors

Hex(3F843F)

Have a look what the booklet for
Hex(3F843F) contains.

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Color

Hex(3F843F)

Conversions

Conversions Part 1

Format	Color
Hex	3F843F
RGB	63, 132, 63
RGB Percent	25%, 52%, 25%
CMY	0.7529, 0.4824, 0.7529
CMYK	0.52, 0.00, 0.52, 0.48
HSL	120°, 35%, 38%
HSV	120°, 52%, 52%
XYZ	11.1984, 17.9182, 7.5710
YIQ	103.5030, -18.9750, -36.0870

Conversions

Conversions Part 2

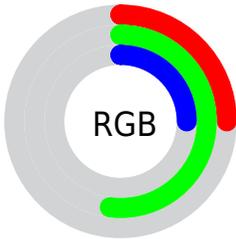
Format	Color
RYB	63, 132, 132
Decimal	4162623
CIELab	49.40, -36.76, 30.51
CIELCh	49, 47.776, 140.310
Yxy	17.9182, 0.3052, 0.4884
Android (android.graphics.Color)	4282352703 (0xFF3F843F)
YUV	103.5030, -19.9680, -35.5211
Hunter-Lab	42.3299, -26.8551, 19.0265

Details

The Hex color **3F843F** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **843F84**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **74BA70**, and **005210** is the 20% darker color. If you saturate the color by 10%, you get **328432**, and if you desaturate by 10%, it is **4C844C**.

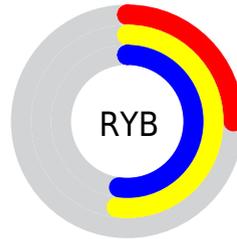
Distribution



Red (25%)

Green (52%)

Blue (25%)



Red (25%)

Yellow (52%)

Blue (52%)

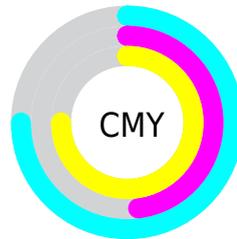


Cyan (52%)

Magenta (0%)

Yellow (52%)

Black (48%)



Cyan (75%)

Magenta (48%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F843F 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 3F843F by changing the saturation by 10% instead.



3F843F



3F843F

FFFFFF



236A28



74BA70



005210



8FD68A



003A00



ABF2A5



002500



C7FFC0



000000



E4FFDC



FFFFFF9



3F843F



3F843F



328432



4C844C

 258425

 598459

 178417

 678467

 0A840A

 748474

 008400

 818481

 8E848E

 9B849B

 A984A9

 B684B6

Harmonies

Analogous

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



707C23



3F843F



008866

Triad

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



3F843F



007EC5



BF525C

Complementary

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



3F843F



843F84

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.



B95284



3F843F



5F70C2

Square

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



3F843F



0086B3



9A5FAA



B25F38

Rectangle

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



3F843F



008983



9A5FAA



C05069

Sweetspot

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



3F843F



90AB90



84843F



465746



D6D6D6



575757

Same Dimension

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



3F843F



3FAB3F



3F8462



3C423C



008200



000300

Inverse Universe

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



843F84



AB3FAB



843F62



423C42



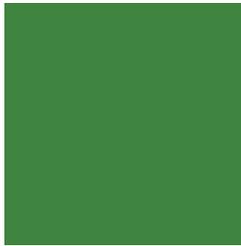
820082



030003

Previews

White Background



This preview shows how the Hex color 3F843F looks on a white background.

Color Contrast Check

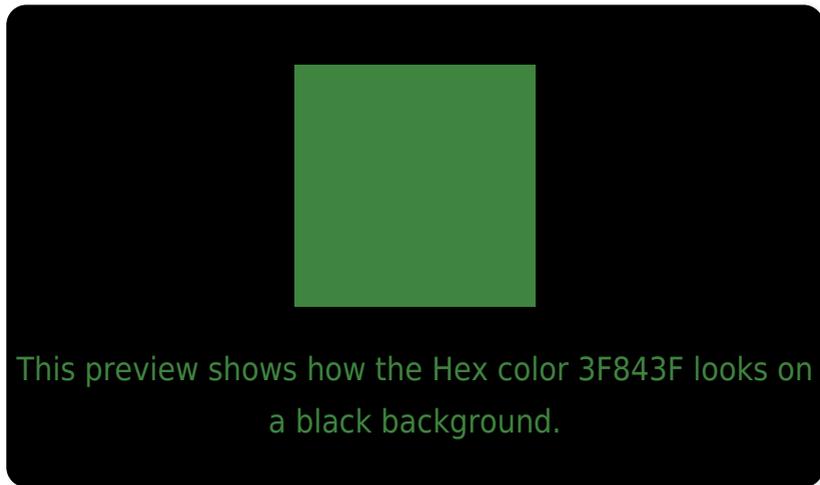
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

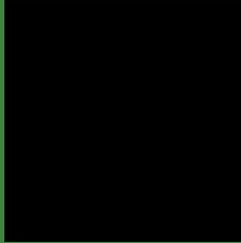
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 3F843F Background



This preview shows how black text looks on a background with the Hex color 3F843F.



This preview shows how white text looks on a background with the Hex color 3F843F.

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
3F843F

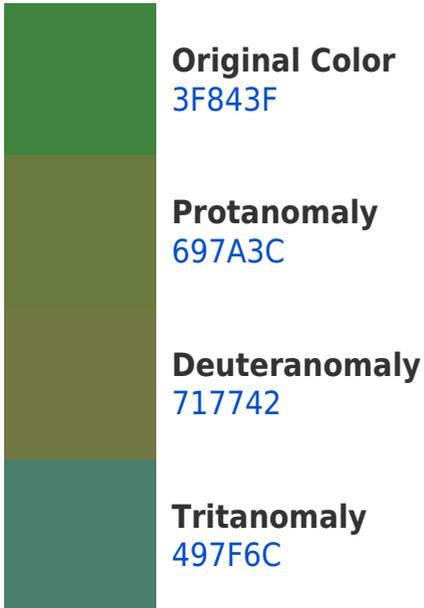
Protanopia
81753A

Deuteranopia
8E6F44



Tritanopia
4F7C86

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3F843F 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 #3F843F looks like.

```
.text, #text, p{  
    color:#3F843F  
}
```

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 #3F843F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F843F
}
```

Border

The CSS property to change the border of an element to Hex 3F843F 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
#3F843F }
```

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

```
.border{ border-color:#3F843F }
```

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

Here you see how a box with a 4 pixel #3F843F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F843F; -webkit-box-shadow:4px 4px  
4px 4px #3F843F; box-shadow:4px 4px 4px  
4px #3F843F }
```

Background

The CSS property to change the background color of an element to Hex 3F843F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F843F }
```

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

```
.background{ background-color:#3F843F }
```

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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