

# Converting Colors

Hex(3F803B)

Have a look what the booklet for  
Hex(3F803B) contains.

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**Color**

**Hex(3F803B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3F803B
RGB	63, 128, 59
RGB Percent	25%, 50%, 23%
CMY	0.7529, 0.4980, 0.7686
CMYK	0.51, 0.00, 0.54, 0.50
HSL	117°, 37%, 37%
HSV	117°, 54%, 50%
XYZ	10.5585, 16.8109, 6.8260
YIQ	100.6990, -16.5910, -35.2390

# Conversions

## Conversions Part 2

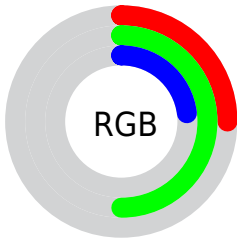
<b>Format</b>	<b>Color</b>
<b>RYB</b>	59, 128, 124
Decimal	4161595
CIELab	48.02, -35.59, 30.93
CIElCh	48, 47.155, 139.011
Yxy	16.8109, 0.3088, 0.4916
Android (android.graphics.Color)	4282351675 (0xFF3F803B)
YUV	100.6990, -20.5576, -33.0620
Hunter-Lab	41.0011, -25.7850, 18.8299

# Details

The Hex color **3F803B** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **7C3B80**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **74B56C**, and **004E0B** is the 20% darker color. If you saturate the color by 10%, you get **33802E**, and if you desaturate by 10%, it is **4B8048**.

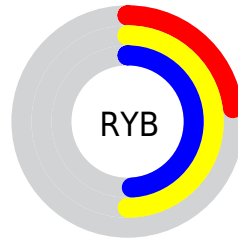
# Distribution



Red (25%)

Green (50%)

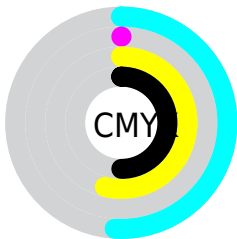
Blue (23%)



Red (23%)

Yellow (50%)

Blue (49%)

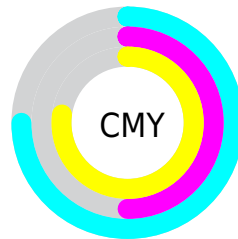


Cyan (51%)

Magenta (0%)

Yellow (54%)

Black (50%)



Cyan (75%)

Magenta (50%)

Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3F803B 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 3F803B by changing the saturation by 10% instead.





3F803B



3F803B

FFFFFF



246724



74B56C



004E0B



8FD186



003600



AAEEA0



002300



C6FFBC



000000



E3FFD8



FFFFF4



3F803B



3F803B



33802E



4B8048

 278021

 578055

 1B8015

 638061

 0F8008

 6F806E

 078000

 7B807B

 878088

 938095

 9F80A1

 AC80AE

# Harmonies

## Analogous

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



6F7820



3F803B



008461

# Triad

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



3F803B



007BC0



BB4F5A

# Complementary

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



3F803B



7C3B80

# 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.



B34F82



3F803B



586DBD

# Square

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



3F803B



0082AD



945DA7



AE5B37

# Rectangle

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



3F803B



00857D



945DA7



BB4D68



# Sweetspot

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



3F803B



8DA68B



807B3B



455444



D4D4D4



545454



# Same Dimension

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



3F803B



40A63A



3B8059



3A4039



078000



000000



# Inverse Universe

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



7C3B80



A03AA6



803B62



3F3940



780080



000000



# Previews

## White Background



This preview shows how the Hex color 3F803B looks on a white background.

## Color Contrast Check

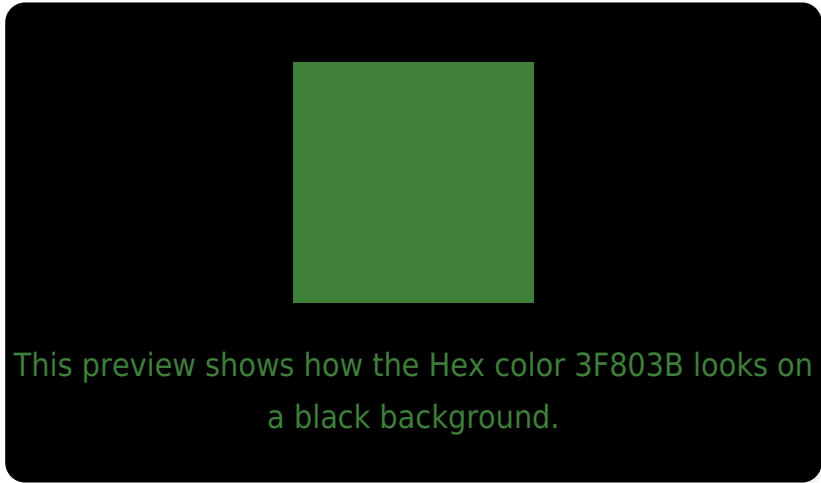
Large Text (above 18pt) WCAG AA ✓ Pass

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 × 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 3F803B Background



This preview shows how black text looks on a background with the Hex color 3F803B.



This preview shows how white text looks on a background with the Hex color 3F803B.

# 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**  
3F803B

**Protanopia**  
7E7236

**Deuteranopia**  
8A6C40



**Tritanopia**  
4E7882

# Trichromacy



**Original Color**  
3F803B

**Protanomaly**  
677738

**Deuteranomaly**  
6F733E

**Tritanomaly**  
497B68

# Monochromacy



**Original Color**  
3F803B

**Achromatopsia**  
656565

**Achromatomaly**  
576F56

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3F803B 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 #3F803B looks like.

```
.text, #text, p{  
    color:#3F803B  
}
```

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 #3F803B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F803B
}
```

## Border

The CSS property to change the border of an element to Hex 3F803B 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
#3F803B }
```

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

```
.border{ border-color:#3F803B }
```

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

Here you see how a box with a 4 pixel #3F803B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F803B; -webkit-box-shadow:4px 4px  
4px 4px #3F803B; box-shadow:4px 4px 4px  
4px #3F803B }
```

# Background

The CSS property to change the background color of an element to Hex 3F803B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F803B }
```

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

```
.background{ background-color:#3F803B }
```

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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