

# Converting Colors

Hex(3B7B3F)

Have a look what the booklet for  
Hex(3B7B3F) contains.

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# Color

Hex(3B7B3F)

# Conversions

## Conversions Part 1

Format	Color
Hex	3B7B3F
RGB	59, 123, 63
RGB Percent	23%, 48%, 25%
CMY	0.7686, 0.5176, 0.7529
CMYK	0.52, 0.00, 0.49, 0.52
HSL	124°, 35%, 36%
HSV	124°, 52%, 48%
XYZ	9.7838, 15.4546, 7.1700
YIQ	97.0240, -18.8840, -32.2280

# Conversions

## Conversions Part 2

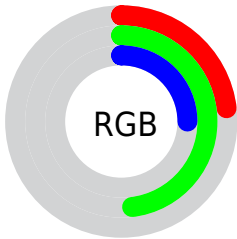
<b>Format</b>	<b>Color</b>
<b>RYB</b>	59, 119, 123
Decimal	3898175
CIELab	46.25, -33.99, 26.56
CIElCh	46, 43.142, 141.993
Yxy	15.4546, 0.3019, 0.4769
Android (android.graphics.Color)	4282088255 (0xFF3B7B3F)
YUV	97.0240, -16.7738, -33.3470
Hunter-Lab	39.3123, -24.3727, 16.7050

# Details

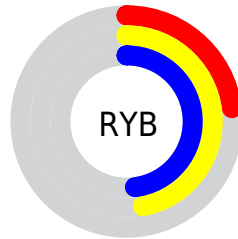
The Hex color **3B7B3F** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **7B3B77**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **6FB070**, and **004911** is the 20% darker color. If you saturate the color by 10%, you get **2F7B33**, and if you desaturate by 10%, it is **477B4B**.

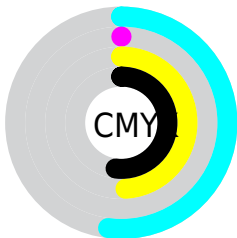
# Distribution



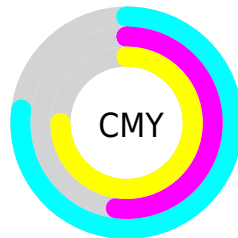
- Red (23%)
- Green (48%)
- Blue (25%)



- Red (23%)
- Yellow (47%)
- Blue (48%)



- Cyan (52%)
- Magenta (0%)
- Yellow (49%)
- Black (52%)



- Cyan (77%)
- Magenta (52%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3B7B3F 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 3B7B3F by changing the saturation by 10% instead.



 3B7B3F

 3B7B3F

FFFFFF

 206228

 6FB070

 004911

 8ACC8A

 003200

 A5E8A4

 001E00

 C1FFBF

 000000

 DEFFDB

 FBFFF8

 3B7B3F

 3B7B3F

 2F7B33

 477B4B

■ 227B28

■ 547B56

■ 167B1C

■ 607B62

■ 0A7B11

■ 6C7B6D

■ 007B08

■ 797B79

■ 857B84

■ 917B90

■ 9D7B9B

■ AA7BA7

# Harmonies

## Analogous

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



677426



3B7B3F



007F62

# Triad

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



3B7B3F



0074B5



B04F55

# Complementary

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



3B7B3F



7B3B77

# 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.



AB4E79



3B7B3F



5E68B1

# Square

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



3B7B3F



007CA6



90599B



A35A35

# Rectangle

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



3B7B3F



007F7B



90599B



B04D60



# Sweetspot

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



3B7B3F



87A189



787B3B



425243



D1D1D1



525252



# Same Dimension

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



3B7B3F



3DA143



3B7B5E



373D37



007D08



00FC10



# Inverse Universe

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



7B3B77



A13D9A



7B3B58



3D373D



7D0075



FC00ED



# Previews

## White Background



This preview shows how the Hex color 3B7B3F looks on a white background.

## Color Contrast Check

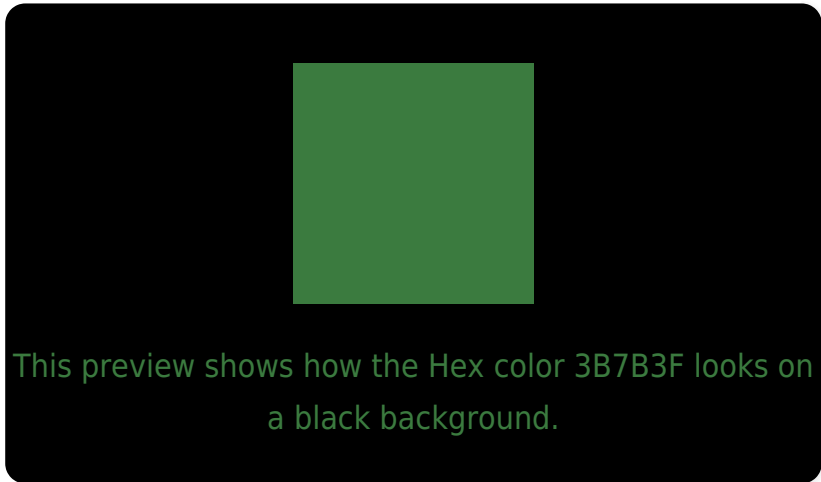
Large Text (above 18pt) WCAG AA ✓ Pass

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 3B7B3F Background



This preview shows how black text looks on a background with the Hex color 3B7B3F.



This preview shows how white text looks on a background with the Hex color 3B7B3F.

# 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**  
3B7B3F

**Protanopia**  
786D3A

**Deuteranopia**  
846844



**Tritanopia**  
49747D

# Trichromacy



**Original Color**  
3B7B3F

**Protanomaly**  
62723C

**Deuteranomaly**  
696F42

**Tritanomaly**  
447766

# Monochromacy



**Original Color**  
3B7B3F

**Achromatopsia**  
616161

**Achromatomaly**  
536A55

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3B7B3F 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 #3B7B3F looks like.

```
.text, #text, p{  
    color:#3B7B3F  
}
```

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 #3B7B3F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B7B3F
}
```

## Border

The CSS property to change the border of an element to Hex 3B7B3F 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".

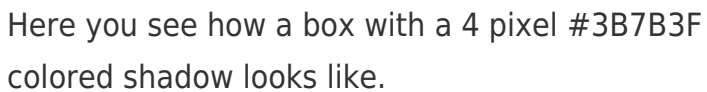
```
.border, #border, table{ border:4px solid
#3B7B3F }
```

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

```
.border{ border-color:#3B7B3F }
```

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

Here you see how a box with a 4 pixel #3B7B3F colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B7B3F; -webkit-box-shadow:4px 4px  
4px 4px #3B7B3F; box-shadow:4px 4px 4px  
4px #3B7B3F }
```

# Background

The CSS property to change the background color of an element to Hex 3B7B3F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B7B3F }
```

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

```
.background{ background-color:#3B7B3F }
```

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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