

Converting Colors

Hex(3B7F3F)

Have a look what the booklet for
Hex(3B7F3F) contains.

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Color

Hex(3B7F3F)

Conversions

Conversions Part 1

Format	Color
Hex	3B7F3F
RGB	59, 127, 63
RGB Percent	23%, 50%, 25%
CMY	0.7686, 0.5020, 0.7529
CMYK	0.54, 0.00, 0.50, 0.50
HSL	124°, 37%, 36%
HSV	124°, 54%, 50%
XYZ	10.2902, 16.4674, 7.3388
YIQ	99.3720, -19.9840, -34.3200

Conversions

Conversions Part 2

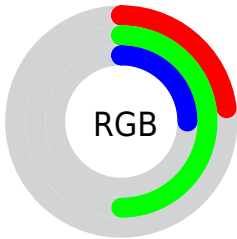
Format	Color
RYB	59, 123, 127
Decimal	3899199
CIELab	47.58, -35.76, 28.23
CIElCh	48, 45.557, 141.707
Yxy	16.4674, 0.3018, 0.4830
Android (android.graphics.Color)	4282089279 (0xFF3B7F3F)
YUV	99.3720, -17.9314, -35.4062
Hunter-Lab	40.5801, -25.7515, 17.6836

Details

The Hex color **3B7F3F** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **7F3B7B**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **70B470**, and **004D11** is the 20% darker color. If you saturate the color by 10%, you get **2E7F33**, and if you desaturate by 10%, it is **487F4B**.

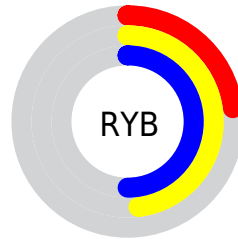
Distribution



Red (23%)

Green (50%)

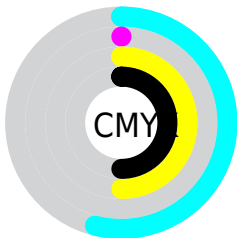
Blue (25%)



Red (23%)

Yellow (48%)

Blue (50%)

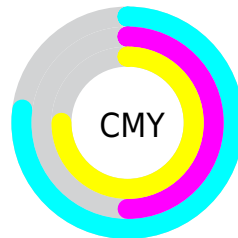


Cyan (54%)

Magenta (0%)

Yellow (50%)

Black (50%)



Cyan (77%)

Magenta (50%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B7F3F 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 3B7F3F by changing the saturation by 10% instead.



3B7F3F



3B7F3F

FFFFFF



1F6628



70B470



004D11



8BD08A



003500



A6EDA4



002200



C2FFC0



000000



DFFFDC



FCFFF8



3B7F3F



3B7F3F



2E7F33



487F4B

 227F27

 547F57

 157F1B

 617F63

 087F0F

 6E7F6F

 007F07

 7B7F7B

 877F87

 947F93

 A17F9F

 AD7FAB

Harmonies

Analogous

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



6A7724



3B7F3F



008365

Triad

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



3B7F3F



0078BD



B75057

Complementary

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



3B7F3F



7F3B7B

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.



B14F7D



3B7F3F



5F6BB8

Square

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



3B7F3F



0080AC



955BA1



AA5C35

Rectangle

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



3B7F3F



00847F



955BA1



B74E63

Sweetspot

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



3B7F3F



8BA68D



7C7F3B



445445



D4D4D4



545454

Same Dimension

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



3B7F3F



3CA642



3B7F60



39403A



008007



000000

Inverse Universe

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



7F3B7B



A63CA0



7F3B5A



40393F



800078



000000

Previews

White Background



This preview shows how the Hex color 3B7F3F looks on a white background.

Color Contrast Check

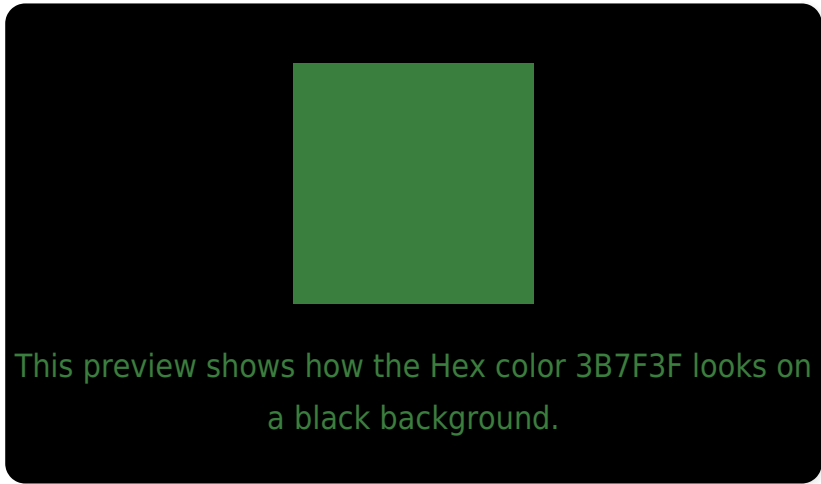
Large Text (above 18pt) WCAG AA ✓ Pass

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

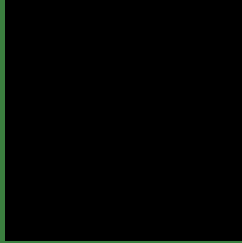
Any Text WCAG AA × Fail

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 3B7F3F Background



This preview shows how black text looks on a background with the Hex color 3B7F3F.



This preview shows how white text looks on a background with the Hex color 3B7F3F.

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
3B7F3F

Protanopia
7C703A

Deuteranopia
886B44



Tritanopia
4A7881

Trichromacy



Original Color
3B7F3F

Protanomaly
64753C

Deuteranomaly
6C7242

Tritanomaly
457B69

Monochromacy



Original Color
3B7F3F

Achromatopsia
636363

Achromatomaly
546D56

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B7F3F 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 #3B7F3F looks like.

```
.text, #text, p{  
    color:#3B7F3F  
}
```

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 #3B7F3F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B7F3F
}
```

Border

The CSS property to change the border of an element to Hex 3B7F3F 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
#3B7F3F }
```

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

```
.border{ border-color:#3B7F3F }
```

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

Here you see how a box with a 4 pixel #3B7F3F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B7F3F; -webkit-box-shadow:4px 4px  
4px 4px #3B7F3F; box-shadow:4px 4px 4px  
4px #3B7F3F }
```

Background

The CSS property to change the background color of an element to Hex 3B7F3F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B7F3F }
```

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

```
.background{ background-color:#3B7F3F }
```

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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