

# Converting Colors

Hex(3F8F31)

Have a look what the booklet for  
Hex(3F8F31) contains.

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# Color

Hex(3F8F31)

# Conversions

## Conversions Part 1

Format	Color
Hex	3F8F31
RGB	63, 143, 49
RGB Percent	25%, 56%, 19%
CMY	0.7529, 0.4392, 0.8078
CMYK	0.56, 0.00, 0.66, 0.44
HSL	111°, 49%, 38%
HSV	111°, 66%, 56%
XYZ	12.4267, 20.9234, 6.2894
YIQ	108.3640, -17.5060, -46.1940

# Conversions

## Conversions Part 2

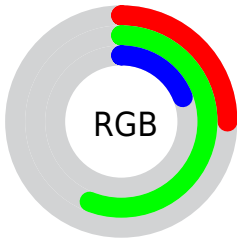
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">49, 143, 129</a>
Decimal	<a href="#">4165425</a>
CIELab	<a href="#">52.87, -43.06, 41.42</a>
CIELCh	<a href="#">53, 59.751, 136.113</a>
Yxy	<a href="#">20.9234, 0.3135, 0.5278</a>
Android (android.graphics.Color)	<a href="#">4282355505 (0xFF3F8F31)</a>
YUV	<a href="#">108.3640, -29.2665, -39.7842</a>
Hunter-Lab	<a href="#">45.7421, -31.5558, 23.8673</a>

# Details

The Hex color **3F8F31** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **81318F**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **76C663**, and **005C00** is the 20% darker color. If you saturate the color by 10%, you get **338F23**, and if you desaturate by 10%, it is **4B8F3F**.

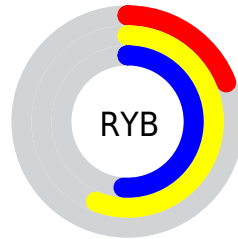
# Distribution



Red (25%)

Green (56%)

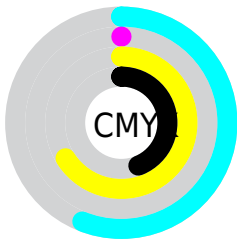
Blue (19%)



Red (19%)

Yellow (56%)

Blue (51%)

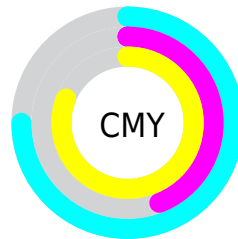


Cyan (56%)

Magenta (0%)

Yellow (66%)

Black (44%)



Cyan (75%)

Magenta (44%)

Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3F8F31 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 3F8F31 by changing the saturation by 10% instead.





3F8F31



3F8F31

FFFFFF



207517



76C663



005C00



92E27D



004300



AEFF98



002D00



CBFFB3



001200



E8FFCF



000000



FFFEC



3F8F31



3F8F31



338F23



4B8F3F

 278F14

 578F4E

 1A8F06

 648F5C

 158F00

 708F6A

 7C8F79

 888F87

 948F95

 A08FA3

 AD8FB2

# Harmonies

## Analogous

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



7D8400



3F8F31



009564

# Triad

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



3F8F31



008BE2



DA4B65

# Complementary

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



3F8F31



81318F

# 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.



CE4E98



3F8F31



497BE1

# Square

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



3F8F31



0093C7



A364C6



CC5D35

# Rectangle

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



3F8F31



009688



A364C6



D94976



# Sweetspot

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



3F8F31



9ABA95



8F8131



4B5E48



DEDEDE



5E5E5E



# Same Dimension

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



3F8F31



3DBA27



318F52



414740



148700



010800



# Inverse Universe

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



81318F



A427BA



8F316E



464047



730087



070008



# Previews

## White Background



This preview shows how the Hex color 3F8F31 looks on a white background.

## Color Contrast Check

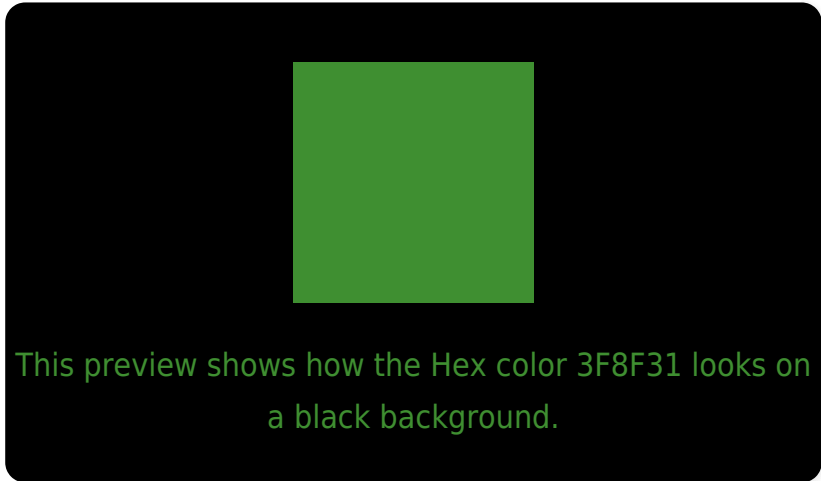
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

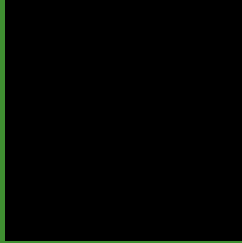
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 3F8F31 Background



This preview shows how black text looks on a background with the Hex color 3F8F31.



This preview shows how white text looks on a background with the Hex color 3F8F31.

# 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





**Tritanopia**  
538691

# Trichromacy



**Original Color**  
3F8F31

**Protanomaly**  
70842E

**Deuteranomaly**  
7A8036

**Tritanomaly**  
4C896E

# Monochromacy



**Original Color**  
3F8F31

**Achromatopsia**  
6C6C6C

**Achromatomaly**  
5C7957

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3F8F31 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 #3F8F31 looks like.

```
.text, #text, p{  
    color:#3F8F31  
}
```

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 #3F8F31 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F8F31
}
```

## Border

The CSS property to change the border of an element to Hex 3F8F31 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".

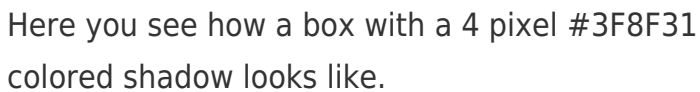
```
.border, #border, table{ border:4px solid
#3F8F31 }
```

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

```
.border{ border-color:#3F8F31 }
```

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

Here you see how a box with a 4 pixel #3F8F31 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F8F31; -webkit-box-shadow:4px 4px  
4px 4px #3F8F31; box-shadow:4px 4px 4px  
4px #3F8F31 }
```

# Background

The CSS property to change the background color of an element to Hex 3F8F31 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F8F31 }
```

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

```
.background{ background-color:#3F8F31 }
```

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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