

# Converting Colors

Hex(7F7A3F)

Have a look what the booklet for  
Hex(7F7A3F) contains.

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**Color**

**Hex(7F7A3F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7F7A3F
RGB	127, 122, 63
RGB Percent	50%, 48%, 25%
CMY	0.5020, 0.5216, 0.7529
CMYK	0.00, 0.04, 0.50, 0.50
HSL	55°, 34%, 37%
HSV	55°, 50%, 50%
XYZ	16.6091, 18.7900, 7.4541
YIQ	116.7690, 21.9190, -17.2890

# Conversions

## Conversions Part 2

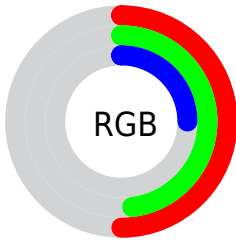
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	68, 127, 63
Decimal	8354367
CIE Lab	50.44, -6.84, 32.74
CIE LCh	50, 33.444, 101.810
Yxy	18.7900, 0.3876, 0.4385
Android (android.graphics.Color)	4286544447 (0xFF7F7A3F)
YUV	116.7690, -26.5081, 8.9726
Hunter-Lab	43.3474, -7.4633, 20.1476

# Details

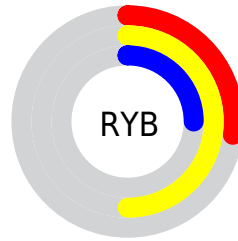
The Hex color **7F7A3F** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **3F447F**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **B5AE70**, and **4C4A10** is the 20% darker color. If you saturate the color by 10%, you get **7F7932**, and if you desaturate by 10%, it is **7F7B4C**.

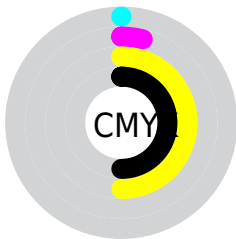
# Distribution



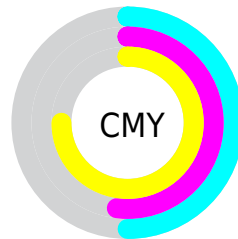
- Red (50%)
- Green (48%)
- Blue (25%)



- Red (27%)
- Yellow (50%)
- Blue (25%)



- Cyan (0%)
- Magenta (4%)
- Yellow (50%)
- Black (50%)



- Cyan (50%)
- Magenta (52%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7F7A3F 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 7F7A3F by changing the saturation by 10% instead.



 7F7A3F

 7F7A3F

FFFFFF

 656128

 B5AE70

 4C4A10

 D1CA8A

 353300

 EEE6A5

 1D1E00

 FFFFC0

 000300

 FFFFDC

 000000

 FFFFF9

 7F7A3F

 7F7A3F

 7F7932

 7F7B4C

 7F7826

 7F7C58

 7F7719

 7F7D65

 7F760C

 7F7E72

 7F7500

 7F7F7F

 7F808B

 7F8198

 7F82A5

 7F83B1

# Harmonies

## Analogous

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



997042



7F7A3F



60814C

# Triad

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



7F7A3F



00859D



A4648B

# Complementary

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



7F7A3F



3F447F

# 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.



896CA3



7F7A3F



2280AE

# Square

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



7F7A3F



008783



5F77B0



AF616E

# Rectangle

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



7F7A3F



47855C



5F77B0



9D6693



# Sweetspot

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



7F7A3F



A6A48D



7F3F44



545345



D4D4D4



545454



# Same Dimension

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



7F7A3F



A69E42



647F3F



403F39



807600



000000



# Inverse Universe

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



3F447F



424AA6



5A3F7F



393A40



000A80



000000



# Previews

## White Background



This preview shows how the Hex color 7F7A3F looks on a white background.

## Color Contrast Check

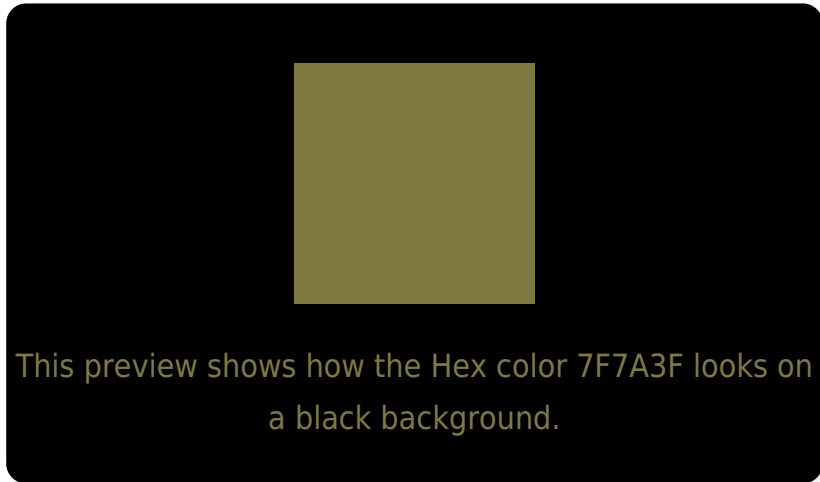
Large Text (above 18pt) WCAG AA ✓ Pass

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

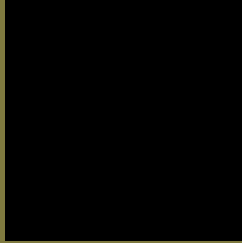
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 7F7A3F Background



This preview shows how black text looks on a background with the Hex color 7F7A3F.



This preview shows how white text looks on a background with the Hex color 7F7A3F.

# 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**  
7F7A3F

**Protanopia**  
84783E

**Deuteranopia**  
937241



**Tritanopia**  
85737C

# Trichromacy



**Original Color**  
7F7A3F

**Protanomaly**  
82793E

**Deuteranomaly**  
8C7540

**Tritanomaly**  
837666

# Monochromacy



**Original Color**  
7F7A3F

**Achromatopsia**  
757575

**Achromatomaly**  
797761

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7F7A3F 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 #7F7A3F looks like.

```
.text, #text, p{  
    color:#7F7A3F  
}
```

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 #7F7A3F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F7A3F
}
```

## Border

The CSS property to change the border of an element to Hex 7F7A3F 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
#7F7A3F }
```

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

```
.border{ border-color:#7F7A3F }
```

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

Here you see how a box with a 4 pixel #7F7A3F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F7A3F; -webkit-box-shadow:4px 4px  
4px 4px #7F7A3F; box-shadow:4px 4px 4px  
4px #7F7A3F }
```

# Background

The CSS property to change the background color of an element to Hex 7F7A3F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F7A3F }
```

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

```
.background{ background-color:#7F7A3F }
```

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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