

# Converting Colors

Hex(3F812D)

Have a look what the booklet for  
Hex(3F812D) contains.

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# Color

Hex(3F812D)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3F812D
RGB	63, 129, 45
RGB Percent	25%, 51%, 18%
CMY	0.7529, 0.4941, 0.8235
CMYK	0.51, 0.00, 0.65, 0.49
HSL	107°, 48%, 34%
HSV	107°, 65%, 51%
XYZ	10.3738, 16.9467, 5.2069
YIQ	99.6900, -12.3720, -40.1160

# Conversions

## Conversions Part 2

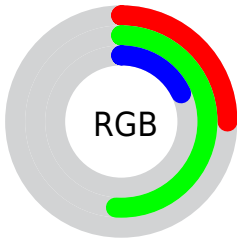
<b>Format</b>	<b>Color</b>
<b>RYB</b>	45, 129, 111
Decimal	4161837
CIELab	48.19, -37.75, 38.08
CIElCh	48, 53.619, 134.745
Yxy	16.9467, 0.3189, 0.5210
Android (android.graphics.Color)	4282351917 (0xFF3F812D)
YUV	99.6900, -26.9622, -32.1771
Hunter-Lab	41.1664, -27.0598, 21.3172

# Details

The Hex color **3F812D** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **6F2D81**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **74B75F**, and **004F00** is the 20% darker color. If you saturate the color by 10%, you get **358120**, and if you desaturate by 10%, it is **49813A**.

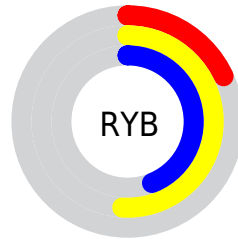
# Distribution



Red (25%)

Green (51%)

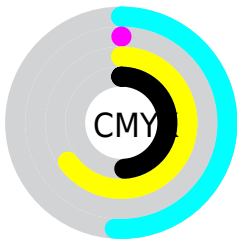
Blue (18%)



Red (18%)

Yellow (51%)

Blue (44%)

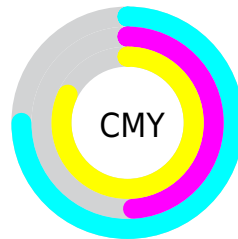


Cyan (51%)

Magenta (0%)

Yellow (65%)

Black (49%)



Cyan (75%)

Magenta (49%)

Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3F812D 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 3F812D by changing the saturation by 10% instead.



 3F812D

 3F812D

FFFFFF

 236714

 74B75F

 004F00

 90D278

 003700

 ABEF93

 002300

 C8FFAE

 000000

 E4FFC9

 FFFFE6

 3F812D

 3F812D

 358120

 49813A

■ 2B8113

■ 538147

■ 218106

■ 5D8154

■ 1C8100

■ 688161

■ 72816E

■ 7C817A

■ 868187

■ 908194

■ 9A81A1

# Harmonies

## Analogous

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



747708



3F812D



008659

# Triad

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



3F812D



007ECA



C4465E

# Complementary

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



3F812D



6F2D81

# 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.



B84A8B



3F812D



4070CA

# Square

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



3F812D



0085B1



915CB3



B85534

# Rectangle

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



3F812D



008879



915CB3



C3456D



# Sweetspot

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



3F812D



8EA887



816F2D



445440



D4D4D4



545454



# Same Dimension

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



3F812D



41A825



2D8145



3B4039



1B8000



000000



# Inverse Universe

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



6F2D81



8C25A8



812D69



3E3940



640080



000000



# Previews

## White Background



This preview shows how the Hex color 3F812D looks on a white background.

## Color Contrast Check

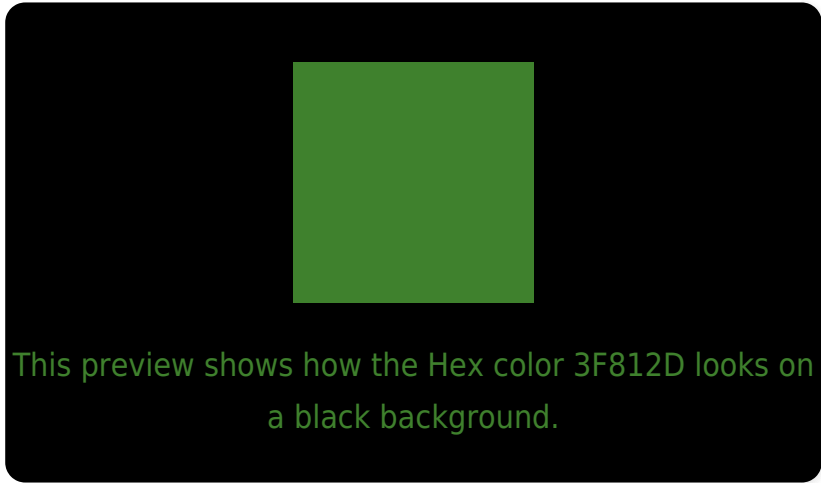
Large Text (above 18pt) WCAG AA ✓ Pass

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

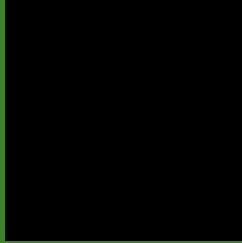
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3F812D Background



This preview shows how black text looks on a background with the Hex color 3F812D.



This preview shows how white text looks on a background with the Hex color 3F812D.

# 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**  
3F812D

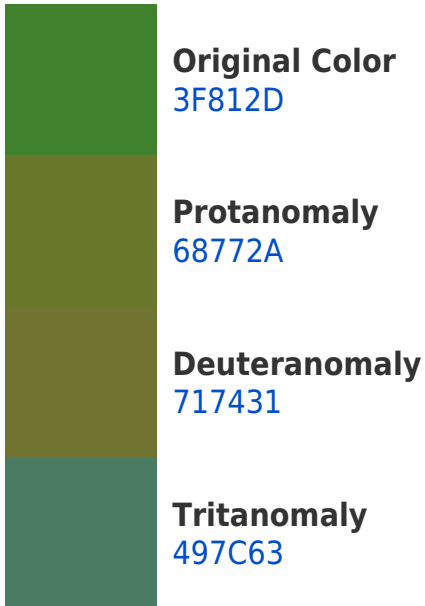
**Protanopia**  
7F7229

**Deuteranopia**  
8D6C34

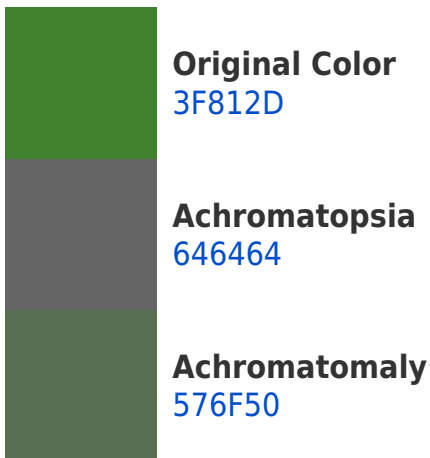


**Tritanopia**  
4F7982

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3F812D 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 #3F812D looks like.

```
.text, #text, p{  
    color:#3F812D  
}
```

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 #3F812D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F812D
}
```

## Border

The CSS property to change the border of an element to Hex 3F812D 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
#3F812D }
```

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

```
.border{ border-color:#3F812D }
```

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

Here you see how a box with a 4 pixel #3F812D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F812D; -webkit-box-shadow:4px 4px  
4px 4px #3F812D; box-shadow:4px 4px 4px  
4px #3F812D }
```

# Background

The CSS property to change the background color of an element to Hex 3F812D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F812D }
```

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

```
.background{ background-color:#3F812D }
```

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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