

# Converting Colors

Hex(3F842E)

Have a look what the booklet for  
Hex(3F842E) contains.

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# Color

Hex(3F842E)

# Conversions

## Conversions Part 1

Format	Color
Hex	3F842E
RGB	63, 132, 46
RGB Percent	25%, 52%, 18%
CMY	0.7529, 0.4824, 0.8196
CMYK	0.52, 0.00, 0.65, 0.48
HSL	108°, 48%, 35%
HSV	108°, 65%, 52%
XYZ	10.7943, 17.7565, 5.4432
YIQ	101.5650, -13.5180, -41.3740

# Conversions

## Conversions Part 2

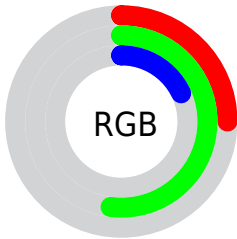
<b>Format</b>	<b>Color</b>
<b>RYB</b>	46, 132, 115
Decimal	4162606
CIELab	49.20, -38.90, 38.74
CIElCh	49, 54.896, 135.119
Yxy	17.7565, 0.3175, 0.5223
Android (android.graphics.Color)	4282352686 (0xFF3F842E)
YUV	101.5650, -27.3935, -33.8215
Hunter-Lab	42.1385, -28.0174, 21.8382

# Details

The Hex color **3F842E** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **732E84**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **75BA60**, and **005200** is the 20% darker color. If you saturate the color by 10%, you get **348421**, and if you desaturate by 10%, it is **4A843B**.

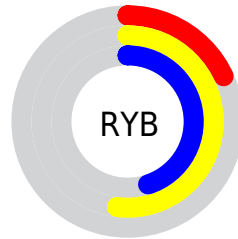
# Distribution



Red (25%)

Green (52%)

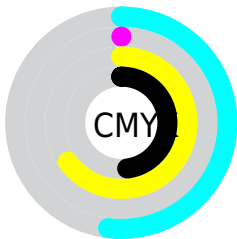
Blue (18%)



Red (18%)

Yellow (52%)

Blue (45%)

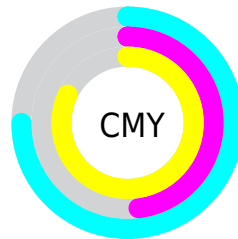


Cyan (52%)

Magenta (0%)

Yellow (65%)

Black (48%)



Cyan (75%)

Magenta (48%)

Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3F842E 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 3F842E by changing the saturation by 10% instead.





3F842E



3F842E

FFFFFF



236A14



75BA60



005200



90D679



003A00



ACF294



002600



C8FFAF



000000



E5FFCB



FFFFE7



3F842E



3F842E



348421



4A843B

 2A8414

 548448

 1F8406

 5F8456

 1A8400

 698463

 748470

 7F847D

 89848A

 948498

 9E84A5

# Harmonies

## Analogous

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



767A07



3F842E



00895B

# Triad

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



3F842E



0081CF



C9475F

# Complementary

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



3F842E



732E84

# 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.



BD4B8E



3F842E



4272CF

# Square

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



3F842E



0088B6



955EB7



BC5734

# Rectangle

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



3F842E



008B7C



955EB7



C8466F



# Sweetspot

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



3F842E



8FAB89



84732E



465742



D6D6D6



575757



# Same Dimension

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



3F842E



40AB26



2E8448



3D423C



1A8200



010300



# Inverse Universe

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



732E84



9126AB



842E6A



413C42



680082



020003



# Previews

## White Background



This preview shows how the Hex color 3F842E looks on a white background.

## Color Contrast Check

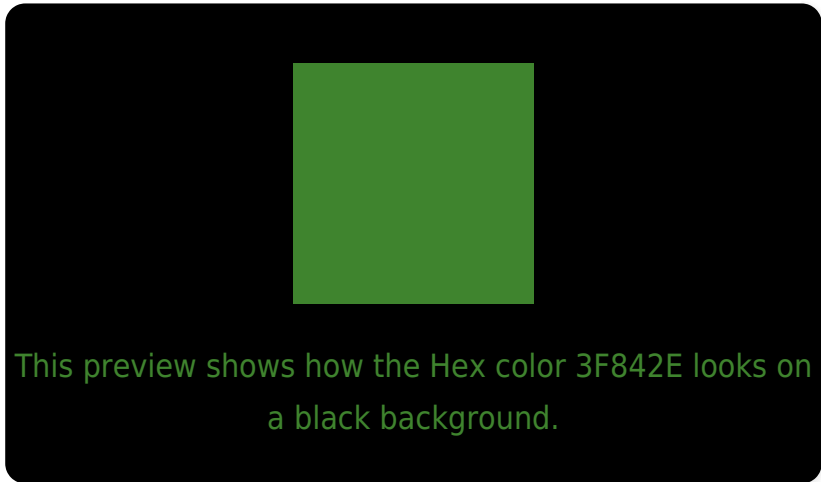
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ 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 3F842E Background



This preview shows how black text looks on a background with the Hex color 3F842E.



This preview shows how white text looks on a background with the Hex color 3F842E.

# 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**  
3F842E

**Protanopia**  
82752A

**Deuteranopia**  
906F35



**Tritanopia**  
507B85

# Trichromacy



**Original Color**  
3F842E

**Protanomaly**  
6A7A2B

**Deuteranomaly**  
737732

**Tritanomaly**  
4A7E65

# Monochromacy



**Original Color**  
3F842E

**Achromatopsia**  
666666

**Achromatomaly**  
587152

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3F842E 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 #3F842E looks like.

```
.text, #text, p{  
    color:#3F842E  
}
```

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 #3F842E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F842E
}
```

## Border

The CSS property to change the border of an element to Hex 3F842E 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
#3F842E }
```

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

```
.border{ border-color:#3F842E }
```

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

Here you see how a box with a 4 pixel #3F842E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F842E; -webkit-box-shadow:4px 4px  
4px 4px #3F842E; box-shadow:4px 4px 4px  
4px #3F842E }
```

# Background

The CSS property to change the background color of an element to Hex 3F842E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F842E }
```

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

```
.background{ background-color:#3F842E }
```

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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