

# Converting Colors

Hex(8F731E)

Have a look what the booklet for  
Hex(8F731E) contains.

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# Color

Hex(8F731E)

# Conversions

## Conversions Part 1

Format	Color
Hex	8F731E
RGB	143, 115, 30
RGB Percent	56%, 45%, 12%
CMY	0.4392, 0.5490, 0.8824
CMYK	0.00, 0.20, 0.79, 0.44
HSL	45°, 65%, 34%
HSV	45°, 79%, 56%
XYZ	17.6928, 18.1948, 3.8077
YIQ	113.6820, 43.9730, -20.4990

# Conversions

## Conversions Part 2

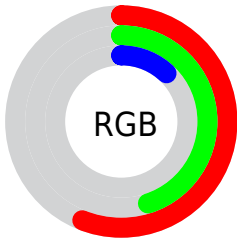
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	67, 143, 30
Decimal	9401118
CIE Lab	49.73, 2.16, 47.93
CIE LCh	50, 47.976, 87.416
Yxy	18.1948, 0.4457, 0.4584
Android (android.graphics.Color)	4287591198 (0xFF8F731E)
YUV	113.6820, -41.2552, 25.7119
Hunter-Lab	42.6554, -0.6081, 24.5661

# Details

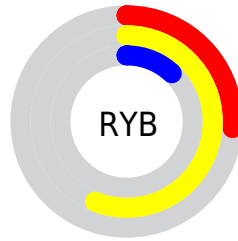
The Hex color **8F731E** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **1E3A8F**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **C8A751**, and **594300** is the 20% darker color. If you saturate the color by 10%, you get **8F6F10**, and if you desaturate by 10%, it is **8F772C**.

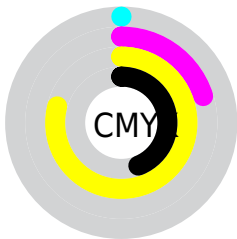
# Distribution



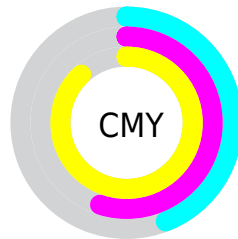
- Red (56%)
- Green (45%)
- Blue (12%)



- Red (26%)
- Yellow (56%)
- Blue (12%)



- Cyan (0%)
- Magenta (20%)
- Yellow (79%)
- Black (44%)



- Cyan (44%)
- Magenta (55%)
- Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8F731E 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 8F731E by changing the saturation by 10% instead.



8F731E

8F731E

FFFFFF

735B00

C8A751

594300

E5C26B

3F2D00

FFDE85

251900

FFFAA0

030000

FFFFBC

000000

FFFFD8

FFFFF5

8F731E

8F731E

■ 8F6F10

■ 8F772C

■ 8F6C01

■ 8F7A3B

■ 8F6C00

■ 8F7E49

■ 8F8157

■ 8F8566

■ 8F8874

■ 8F8C82

■ 8F8F90

■ 8F939F

# Harmonies

## Analogous

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



AE6331



8F731E



677F28

# Triad

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



8F731E



008A9B



A45CA3

# Complementary

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



8F731E



1E3A8F

# 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.



716DBF



8F731E



0085BA

# Square

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



8F731E



008A71



007CC8



BD517C

# Rectangle

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



8F731E



45843C



007CC8



9761AE



# Sweetspot

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



8F731E



BAAF8D



8F1E3A



5E5843



DEDEDE



5E5E5E



# Same Dimension

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



8F731E



BA8E09



738F1E



474640



876600



080600



# Inverse Universe

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



1E3A8F



0935BA



3A1E8F



404247



002187

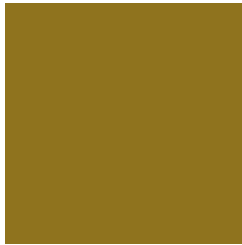


000208



# Previews

## White Background



This preview shows how the Hex color 8F731E looks on a white background.

## Color Contrast Check

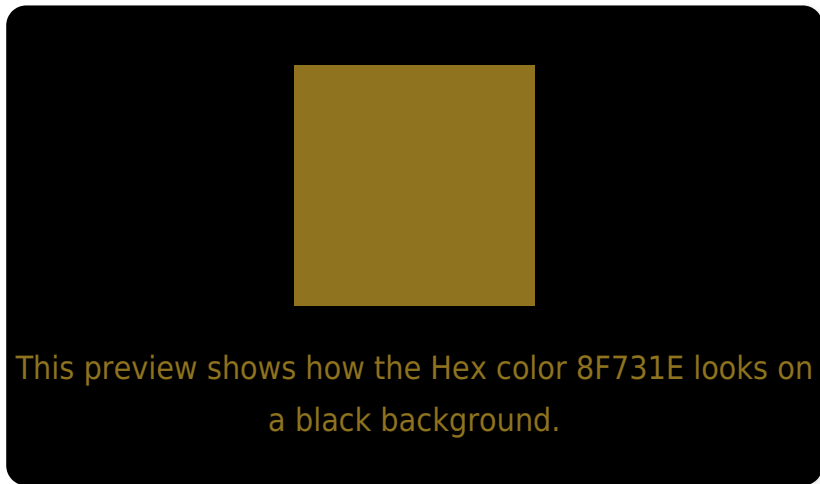
Large Text (above 18pt) WCAG AA ✓ Pass

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 8F731E Background



This preview shows how black text looks on a background with the Hex color 8F731E.



This preview shows how white text looks on a background with the Hex color 8F731E.

# 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**  
8F731E

**Protanopia**  
85771F

**Deuteranopia**  
95701F



**Tritanopia**  
956B73

# Trichromacy



**Original Color**  
8F731E

**Protanomaly**  
89761F

**Deuteranomaly**  
93711F

**Tritanomaly**  
936E54

# Monochromacy



**Original Color**  
8F731E

**Achromatopsia**  
727272

**Achromatomaly**  
7D7253

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8F731E 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 #8F731E looks like.

```
.text, #text, p{  
    color:#8F731E  
}
```

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 #8F731E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8F731E
}
```

## Border

The CSS property to change the border of an element to Hex 8F731E 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
#8F731E }
```

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

```
.border{ border-color:#8F731E }
```

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

Here you see how a box with a 4 pixel #8F731E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8F731E; -webkit-box-shadow:4px 4px  
4px 4px #8F731E; box-shadow:4px 4px 4px  
4px #8F731E }
```

# Background

The CSS property to change the background color of an element to Hex 8F731E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8F731E }
```

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

```
.background{ background-color:#8F731E }
```

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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