

# Converting Colors

Hex(8F7735)

Have a look what the booklet for  
Hex(8F7735) contains.

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**Color**

**Hex(8F7735)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8F7735
RGB	143, 119, 53
RGB Percent	56%, 47%, 21%
CMY	0.4392, 0.5333, 0.7922
CMYK	0.00, 0.17, 0.63, 0.44
HSL	44°, 46%, 38%
HSV	44°, 63%, 56%
XYZ	18.5671, 19.2903, 6.1130
YIQ	118.6520, 35.4900, -15.4380

# Conversions

## Conversions Part 2

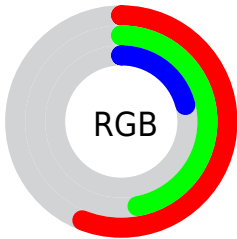
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	86, 143, 53
Decimal	9402165
CIE <sub>Lab</sub>	51.03, 1.21, 38.98
CIE <sub>LCh</sub>	51, 38.997, 88.215
Yxy	19.2903, 0.4223, 0.4387
Android (android.graphics.Color)	4287592245 (0xFF8F7735)
YUV	118.6520, -32.3664, 21.3532
Hunter-Lab	43.9208, -1.4020, 22.4924

# Details

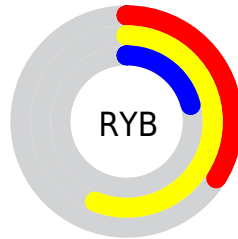
The Hex color **8F7735** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **354D8F**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **C7AB66**, and **5A4702** is the 20% darker color. If you saturate the color by 10%, you get **8F7327**, and if you desaturate by 10%, it is **8F7B43**.

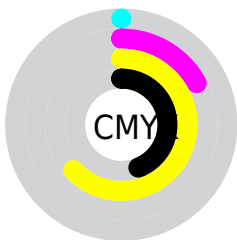
# Distribution



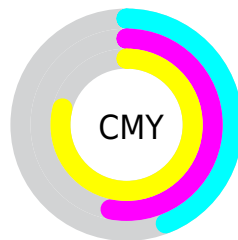
- Red (56%)
- Green (47%)
- Blue (21%)



- Red (34%)
- Yellow (56%)
- Blue (21%)



- Cyan (0%)
- Magenta (17%)
- Yellow (63%)
- Black (44%)



- Cyan (44%)
- Magenta (53%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8F7735 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 8F7735 by changing the saturation by 10% instead.





8F7735



8F7735

FFFFFF



745E1D



C7AB66



5A4702



E4C680



413100



FFE29A



271C00



FFFFB6



090300



FFFFD2



000000



FFFEE



8F7735



8F7735



8F7327



8F7B43

■ 8F6F18

■ 8F7F52

■ 8F6C0A

■ 8F8260

■ 8F6900

■ 8F866E

■ 8F8A7D

■ 8F8E8B

■ 8F9299

■ 8F96A7

■ 8F99B6

# Harmonies

## Analogous

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



A96B42



8F7735



6E813D

# Triad

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



8F7735



008A98



A1659D

# Complementary

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



8F7735



354D8F

# 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.



7972B4



8F7735



0086B1

# Square

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



8F7735



008A76



387EBC



B55E7D

# Rectangle

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



8F7735



53864C



387EBC



9669A6



# Sweetspot

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



8F7735



BAB197



8F354D



5E5949



DEDEDE



5E5E5E



# Same Dimension

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



8F7735



BA942D



7A8F35



474540



876300



080600



# Inverse Universe

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



354D8F



2D52BA



4A358F



404247



002487



000208



# Previews

## White Background



This preview shows how the Hex color 8F7735 looks on a white background.

## Color Contrast Check

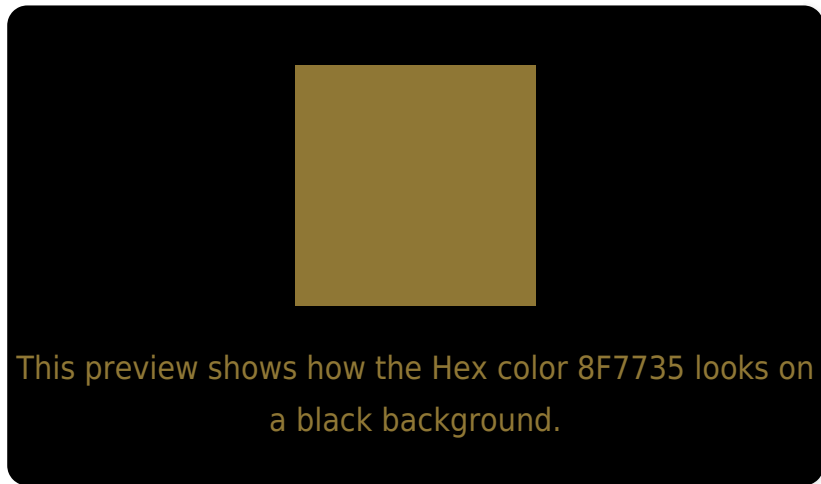
Large Text (above 18pt) WCAG AA ✓ Pass

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

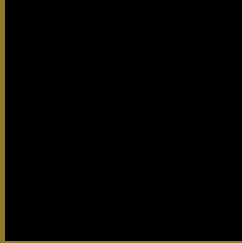
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8F7735 Background



This preview shows how black text looks on a background with the Hex color 8F7735.



This preview shows how white text looks on a background with the Hex color 8F7735.

# 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**  
8F7735

**Protanopia**  
877A36

**Deuteranopia**  
977436



**Tritanopia**  
957078

# Trichromacy



**Original Color**  
8F7735

**Protanomaly**  
8A7936

**Deuteranomaly**  
947536

**Tritanomaly**  
937360

# Monochromacy



**Original Color**  
8F7735

**Achromatopsia**  
777777

**Achromatomaly**  
80775F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8F7735 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 #8F7735 looks like.

```
.text, #text, p{  
    color:#8F7735  
}
```

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 #8F7735 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8F7735
}
```

## Border

The CSS property to change the border of an element to Hex 8F7735 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
#8F7735 }
```

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

```
.border{ border-color:#8F7735 }
```

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

Here you see how a box with a 4 pixel #8F7735 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8F7735; -webkit-box-shadow:4px 4px  
4px 4px #8F7735; box-shadow:4px 4px 4px  
4px #8F7735 }
```

# Background

The CSS property to change the background color of an element to Hex 8F7735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8F7735 }
```

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

```
.background{ background-color:#8F7735 }
```

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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