

# Converting Colors

Hex(8A6F36)

Have a look what the booklet for  
Hex(8A6F36) contains.

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**Color**

**Hex(8A6F36)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | 8A6F36                      |
| RGB         | 138, 111, 54                |
| RGB Percent | 54%, 44%, 21%               |
| CMY         | 0.4588, 0.5647, 0.7882      |
| CMYK        | 0.00, 0.20, 0.61, 0.46      |
| HSL         | 41°, 44%, 38%               |
| HSV         | 41°, 61%, 54%               |
| XYZ         | 16.8315, 17.0385, 5.8917    |
| YIQ         | 112.5750, 34.3890, -12.0030 |

# Conversions

## Conversions Part 2

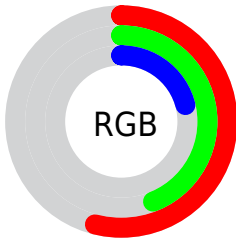
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| R <sub>Y</sub> B                    | 94, 138, 54                    |
| Decimal                             | 9072438                        |
| CIE Lab                             | 48.31, 3.59, 35.23             |
| CIE LCh                             | 48, 35.412, 84.186             |
| Yxy                                 | 17.0385, 0.4233,<br>0.4285     |
| Android<br>(android.graphics.Color) | 4287262518<br>(0xFF8A6F36)     |
| YUV                                 | 112.5750, -28.8775,<br>22.2977 |
| Hunter-Lab                          | 41.2777, 0.5497,<br>20.4318    |

# Details

The Hex color **8A6F36** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **36518A**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **C2A267**, and **554006** is the 20% darker color. If you saturate the color by 10%, you get **8A6B28**, and if you desaturate by 10%, it is **8A7344**.

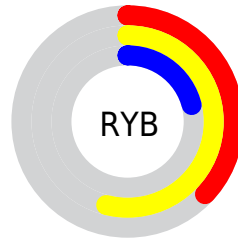
# Distribution



Red (54%)

Green (44%)

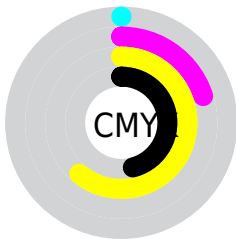
Blue (21%)



Red (37%)

Yellow (54%)

Blue (21%)

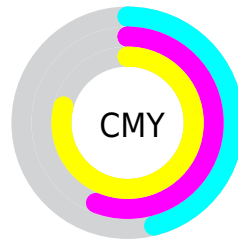


Cyan (0%)

Magenta (20%)

Yellow (61%)

Black (46%)



Cyan (46%)

Magenta (56%)

Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8A6F36 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 8A6F36 by changing the saturation by 10% instead.





8A6F36



8A6F36

FFFFFF



6F571F



C2A267



554006



DEBD80



3C2A00



FCD99B



231600



FFF6B6



000000



FFFFD2



FFFEE



8A6F36



8A6F36



8A6B28



8A7344

■ 8A661A

■ 8A7852

■ 8A620D

■ 8A7C5F

■ 8A5E00

■ 8A816D

■ 8A857B

■ 8A8A89

■ 8A8E97

■ 8A92A4

■ 8A97B2

# Harmonies

## Analogous

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



A06443



8A6F36



6D783A

# Triad

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



8A6F36



00828A



926296

# Complementary

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



8A6F36



36518A

# 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.



6C6DA9



8A6F36



007FA2

# Square

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



8A6F36



0B826C



3178AE



A75A7A

# Rectangle

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



8A6F36



567D46



3178AE



87659E



# Sweetspot

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



8A6F36



B3A892



8A3652



595346



D9D9D9



595959



# Same Dimension

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



8A6F36



B38930



7C8A36



45433E



855A00



050300



# Inverse Universe

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



36518A



305AB3



44368A



3E4045



002B85



000205



# Previews

## White Background



This preview shows how the Hex color 8A6F36 looks on a white background.

## Color Contrast Check

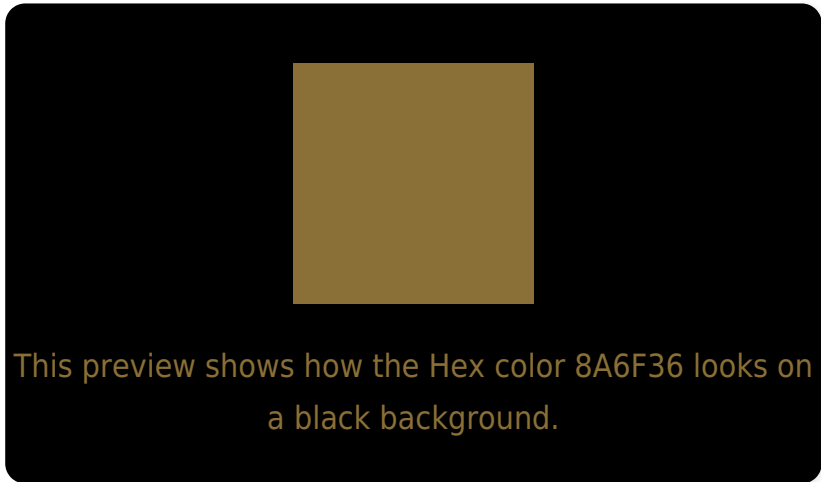
Large Text (above 18pt) WCAG AA ✓ Pass

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 8A6F36 Background



This preview shows how black text looks on a background with the Hex color 8A6F36.



This preview shows how white text looks on a background with the Hex color 8A6F36.

# 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**  
8A6F36

**Protanopia**  
7F7337

**Deuteranopia**  
8E6D36



**Tritanopia**  
8F6971

# Trichromacy



**Original Color**  
8A6F36

**Protanomaly**  
837237

**Deuteranomaly**  
8D6E36

**Tritanomaly**  
8D6B5C

# Monochromacy



**Original Color**  
8A6F36

**Achromatopsia**  
717171

**Achromatomaly**  
7A705C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8A6F36 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 #8A6F36 looks like.

```
.text, #text, p{  
    color:#8A6F36  
}
```

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 #8A6F36 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A6F36
}
```

## Border

The CSS property to change the border of an element to Hex 8A6F36 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
#8A6F36 }
```

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

```
.border{ border-color:#8A6F36 }
```

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

Here you see how a box with a 4 pixel #8A6F36 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A6F36; -webkit-box-shadow:4px 4px  
4px 4px #8A6F36; box-shadow:4px 4px 4px  
4px #8A6F36 }
```

# Background

The CSS property to change the background color of an element to Hex 8A6F36 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A6F36 }
```

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

```
.background{ background-color:#8A6F36 }
```

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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