

# Converting Colors

Hex(8A7E42)

Have a look what the booklet for  
Hex(8A7E42) contains.

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**Color**

**Hex(8A7E42)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8A7E42
RGB	138, 126, 66
RGB Percent	54%, 49%, 26%
CMY	0.4588, 0.5059, 0.7412
CMYK	0.00, 0.09, 0.52, 0.46
HSL	50°, 35%, 40%
HSV	50°, 52%, 54%
XYZ	18.9255, 20.7183, 8.1558
YIQ	122.7480, 26.4120, -16.1160

# Conversions

## Conversions Part 2

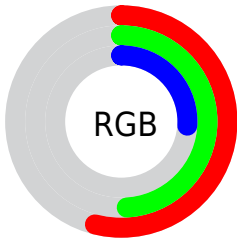
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	80, 138, 66
Decimal	9076290
CIE Lab	52.64, -3.89, 34.04
CIE LCh	53, 34.259, 96.521
Yxy	20.7183, 0.3959, 0.4334
Android (android.graphics.Color)	4287266370 (0xFF8A7E42)
YUV	122.7480, -27.9768, 13.3760
Hunter-Lab	45.5174, -5.4378, 21.2386

# Details

The Hex color **8A7E42** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **424E8A**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **C1B273**, and **564D13** is the 20% darker color. If you saturate the color by 10%, you get **8A7C34**, and if you desaturate by 10%, it is **8A8050**.

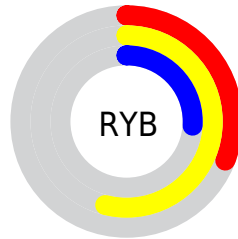
# Distribution



Red (54%)

Green (49%)

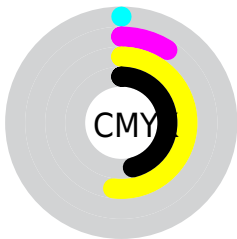
Blue (26%)



Red (31%)

Yellow (54%)

Blue (26%)

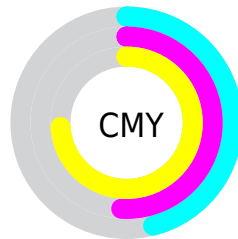


Cyan (0%)

Magenta (9%)

Yellow (52%)

Black (46%)



Cyan (46%)

Magenta (51%)

Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8A7E42 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 8A7E42 by changing the saturation by 10% instead.





8A7E42



8A7E42

FFFFFF



70652A



C1B273



564D13



DDCE8D



3E3700



FBEEA8



262200



FFFFC4



050C00



FFFFE0



000000

FFFFFFD



8A7E42



8A7E42



8A7C34



8A8050

 8A7926

 8A835E

 8A7719

 8A856B

 8A750B

 8A8779

 8A7300

 8A8A87

 8A8C95

 8A8EA3

 8A90B0

 8A93BE

# Harmonies

## Analogous

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



A37448



8A7E42



6B864D

# Triad

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



8A7E42



008CA0



A86A96

# Complementary

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



8A7E42



424E8A

# 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.



8974AD



8A7E42



1587B3

# Square

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



8A7E42



008D83



5B7EB8



B56678

# Rectangle

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



8A7E42



528A5C



5B7EB8



9F6D9E



# Sweetspot

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



8A7E42



B3AE96



8A424E



595648



D9D9D9



595959



# Same Dimension

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



8A7E42



B3A042



728A42



45443E



856F00



050400



# Inverse Universe

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



424E8A



4255B3



5A428A



3E3F45



001685



000105



# Previews

## White Background



This preview shows how the Hex color 8A7E42 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

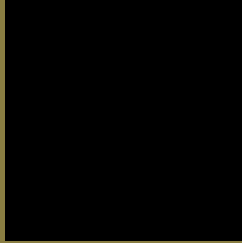
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8A7E42 Background



This preview shows how black text looks on a background with the Hex color 8A7E42.



This preview shows how white text looks on a background with the Hex color 8A7E42.

# 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**  
8A7E42

**Protanopia**  
8B7E42

**Deuteranopia**  
9A7844



**Tritanopia**  
907780

# Trichromacy



**Original Color**  
8A7E42

**Protanomaly**  
8B7E42

**Deuteranomaly**  
947A43

**Tritanomaly**  
8E7A69

# Monochromacy



**Original Color**  
8A7E42

**Achromatopsia**  
7B7B7B

**Achromatomaly**  
807C66

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8A7E42 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 #8A7E42 looks like.

```
.text, #text, p{  
    color:#8A7E42  
}
```

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 #8A7E42 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A7E42
}
```

## Border

The CSS property to change the border of an element to Hex 8A7E42 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
#8A7E42 }
```

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

```
.border{ border-color:#8A7E42 }
```

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

Here you see how a box with a 4 pixel #8A7E42 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A7E42; -webkit-box-shadow:4px 4px  
4px 4px #8A7E42; box-shadow:4px 4px 4px  
4px #8A7E42 }
```

# Background

The CSS property to change the background color of an element to Hex 8A7E42 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A7E42 }
```

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

```
.background{ background-color:#8A7E42 }
```

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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