

# Converting Colors

Hex(8E6B30)

Have a look what the booklet for  
Hex(8E6B30) contains.

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**Color**

**Hex(8E6B30)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8E6B30
RGB	142, 107, 48
RGB Percent	56%, 42%, 19%
CMY	0.4431, 0.5804, 0.8118
CMYK	0.00, 0.25, 0.66, 0.44
HSL	38°, 49%, 37%
HSV	38°, 66%, 56%
XYZ	16.9465, 16.4796, 5.0840
YIQ	110.7390, 39.7990, -10.9290

# Conversions

## Conversions Part 2

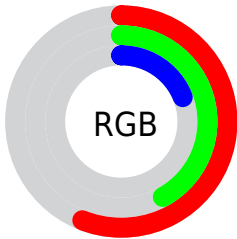
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	104, 142, 48
Decimal	9333552
CIE <sub>Lab</sub>	47.60, 7.29, 37.63
CIE <sub>LCh</sub>	48, 38.332, 79.036
Yxy	16.4796, 0.4401, 0.4279
Android (android.graphics.Color)	4287523632 (0xFF8E6B30)
YUV	110.7390, -30.9303, 27.4159
Hunter-Lab	40.5950, 3.4741, 20.9912

# Details

The Hex color **8E6B30** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **30538E**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **C69E61**, and **583C00** is the 20% darker color. If you saturate the color by 10%, you get **8E6622**, and if you desaturate by 10%, it is **8E703E**.

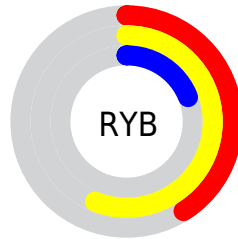
# Distribution



Red (56%)

Green (42%)

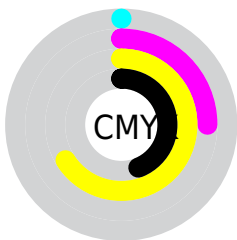
Blue (19%)



Red (41%)

Yellow (56%)

Blue (19%)

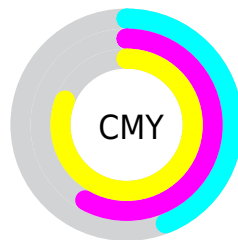


Cyan (0%)

Magenta (25%)

Yellow (66%)

Black (44%)



Cyan (44%)

Magenta (58%)

Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8E6B30 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 8E6B30 by changing the saturation by 10% instead.



 8E6B30

 8E6B30

FFFFFF

 735318

 C69E61

 583C00

 E3B97A

 3F2600

 FFD594

 261200

 FFF1AF

 000000

 FFFF CB

 FFFF E7

 8E6B30

 8E6B30

 8E6622

 8E703E

■ 8E6014

■ 8E764C

■ 8E5B05

■ 8E7B5B

■ 8E5900

■ 8E8069

■ 8E8577

■ 8E8B85

■ 8E9093

■ 8E95A2

■ 8E9BB0

# Harmonies

## Analogous

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



A45F41



8E6B30



707531

# Triad

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



8E6B30



008185



8D609C

# Complementary

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



8E6B30



30538E

# 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.



606DAE



8E6B30



007EA1

# Square

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



8E6B30



008164



0078B0



A7577E

# Rectangle

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



8E6B30



587B3D



0078B0



8065A3



# Sweetspot

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



8E6B30



B8AA93



8E3054



5C5446



DBDBDB



5C5C5C



# Same Dimension

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



8E6B30



B88227



838E30



474540



875500



080500



# Inverse Universe

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



30538E



275DB8



3B308E



404347



003287



000308



# Previews

## White Background



This preview shows how the Hex color 8E6B30 looks on a white background.

## Color Contrast Check

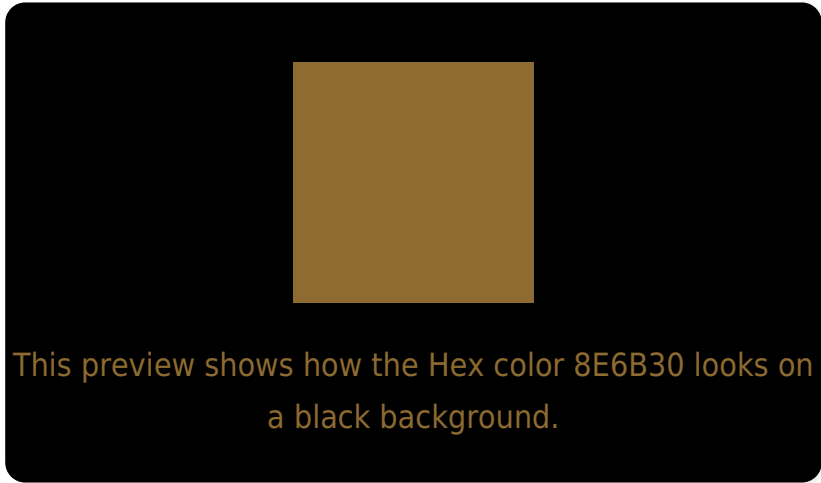
Large Text (above 18pt) WCAG AA ✓ Pass

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 8E6B30 Background



This preview shows how black text looks on a background with the Hex color 8E6B30.



This preview shows how white text looks on a background with the Hex color 8E6B30.

# 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**  
8E6B30

**Protanopia**  
7E7132

**Deuteranopia**  
8D6C30

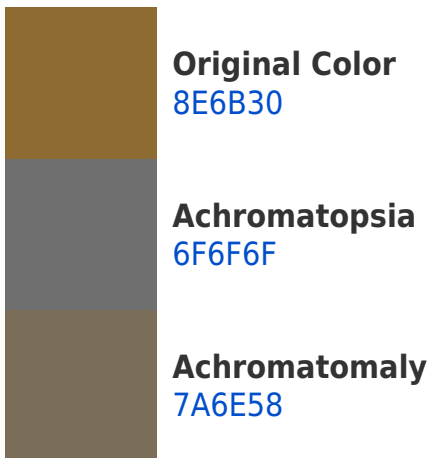


**Tritanopia**  
92656C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8E6B30 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 #8E6B30 looks like.

```
.text, #text, p{  
    color:#8E6B30  
}
```

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 #8E6B30 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8E6B30
}
```

## Border

The CSS property to change the border of an element to Hex 8E6B30 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
#8E6B30 }
```

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

```
.border{ border-color:#8E6B30 }
```

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

Here you see how a box with a 4 pixel #8E6B30 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8E6B30; -webkit-box-shadow:4px 4px  
4px 4px #8E6B30; box-shadow:4px 4px 4px  
4px #8E6B30 }
```

# Background

The CSS property to change the background color of an element to Hex 8E6B30 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8E6B30 }
```

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

```
.background{ background-color:#8E6B30 }
```

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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