

# Converting Colors

Hex(8E7D3B)

Have a look what the booklet for  
Hex(8E7D3B) contains.

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# Color

Hex(8E7D3B)

# Conversions

## Conversions Part 1

Format	Color
Hex	8E7D3B
RGB	142, 125, 59
RGB Percent	56%, 49%, 23%
CMY	0.4431, 0.5098, 0.7686
CMYK	0.00, 0.12, 0.58, 0.44
HSL	48°, 41%, 39%
HSV	48°, 58%, 56%
XYZ	19.2784, 20.7338, 7.1236
YIQ	122.5590, 31.3180, -16.9220

# Conversions

## Conversions Part 2

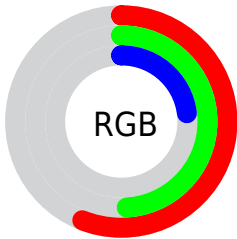
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	80, 142, 59
Decimal	9338171
CIE <sub>Lab</sub>	52.66, -2.16, 37.78
CIE <sub>LCh</sub>	53, 37.846, 93.273
Yxy	20.7338, 0.4090, 0.4399
Android (android.graphics.Color)	4287528251 (0xFF8E7D3B)
YUV	122.5590, -31.3346, 17.0498
Hunter-Lab	45.5344, -4.1117, 22.5984

# Details

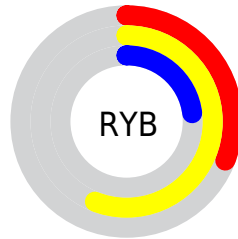
The Hex color **8E7D3B** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **3B4C8E**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **C6B16C**, and **594C09** is the 20% darker color. If you saturate the color by 10%, you get **8E7A2D**, and if you desaturate by 10%, it is **8E8049**.

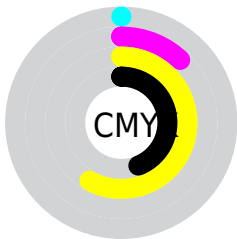
# Distribution



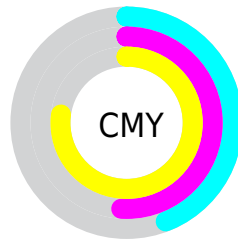
- Red (56%)
- Green (49%)
- Blue (23%)



- Red (31%)
- Yellow (56%)
- Blue (23%)



- Cyan (0%)
- Magenta (12%)
- Yellow (58%)
- Black (44%)



- Cyan (44%)
- Magenta (51%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8E7D3B 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 8E7D3B by changing the saturation by 10% instead.



 8E7D3B

 8E7D3B

FFFFFF

 736423

 C6B16C

 594C09

 E2CD86

 413600

 FFE9A1

 282100

 FFFFBC

 090B00

 FFFFD8

 000000

 FFFFF5

 8E7D3B

 8E7D3B

 8E7A2D

 8E8049

■ 8E771F

■ 8E8357

■ 8E7410

■ 8E8666

■ 8E7102

■ 8E8974

■ 8E7100

■ 8E8C82

■ 8E8E90

■ 8E919E

■ 8E94AD

■ 8E97BB

# Harmonies

## Analogous

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



A97144



8E7D3B



6C8646

# Triad

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



8E7D3B



008DA0



A9689B

# Complementary

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



8E7D3B



3B4C8E

# 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.



8574B4



8E7D3B



0089B7

# Square

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



8E7D3B



008E80



4E80BE



BA637B

# Rectangle

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



8E7D3B



528A55



4E80BE



9F6CA5



# Sweetspot

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



8E7D3B



B8B197



8E3B4D



5C5848



DBDBDB



5C5C5C



# Same Dimension

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



8E7D3B



B89D37



768E3B



474640



876B00



080600



# Inverse Universe

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



3B4C8E



3751B8



533B8E



404247



001C87



000208



# Previews

## White Background



This preview shows how the Hex color 8E7D3B 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

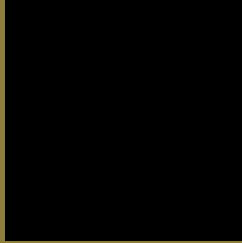
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8E7D3B Background



This preview shows how black text looks on a background with the Hex color 8E7D3B.



This preview shows how white text looks on a background with the Hex color 8E7D3B.

# 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**  
8E7D3B

**Protanopia**  
8B7E3B

**Deuteranopia**  
9B783C



**Tritanopia**  
94767F

# Trichromacy



**Original Color**  
8E7D3B

**Protanomaly**  
8C7E3B

**Deuteranomaly**  
967A3C

**Tritanomaly**  
927966

# Monochromacy



**Original Color**  
8E7D3B

**Achromatopsia**  
7B7B7B

**Achromatomaly**  
827C64

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8E7D3B 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 #8E7D3B looks like.

```
.text, #text, p{  
    color:#8E7D3B  
}
```

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 #8E7D3B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8E7D3B
}
```

## Border

The CSS property to change the border of an element to Hex 8E7D3B 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
#8E7D3B }
```

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

```
.border{ border-color:#8E7D3B }
```

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

Here you see how a box with a 4 pixel #8E7D3B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8E7D3B; -webkit-box-shadow:4px 4px  
4px 4px #8E7D3B; box-shadow:4px 4px 4px  
4px #8E7D3B }
```

# Background

The CSS property to change the background color of an element to Hex 8E7D3B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8E7D3B }
```

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

```
.background{ background-color:#8E7D3B }
```

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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