

Converting Colors

Hex(8E7A2D)

Have a look what the booklet for
Hex(8E7A2D) contains.

Hex(8E7A2D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(8E7A2D)

Conversions

Conversions Part 1

Format	Color
Hex	8E7A2D
RGB	142, 122, 45
RGB Percent	56%, 48%, 18%
CMY	0.4431, 0.5216, 0.8235
CMYK	0.00, 0.14, 0.68, 0.44
HSL	48°, 52%, 37%
HSV	48°, 68%, 56%
XYZ	18.5885, 19.8593, 5.3361
YIQ	119.2020, 36.6370, -19.7070

Conversions

Conversions Part 2

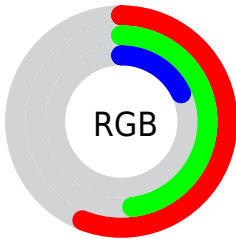
Format	Color
R_{YB}	70, 142, 45
Decimal	9337389
CIE _{Lab}	51.68, -1.49, 43.50
CIE _{LCh}	52, 43.521, 91.958
Yxy	19.8593, 0.4246, 0.4536
Android (android.graphics.Color)	4287527469 (0xFF8E7A2D)
YUV	119.2020, -36.5816, 19.9938
Hunter-Lab	44.5638, -3.5304, 24.0952

Details

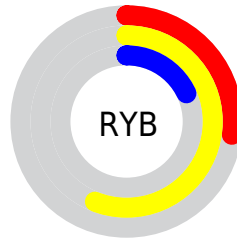
The Hex color **8E7A2D** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **2D418E**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **C6AE5F**, and **584A00** is the 20% darker color. If you saturate the color by 10%, you get **8E771F**, and if you desaturate by 10%, it is **8E7D3B**.

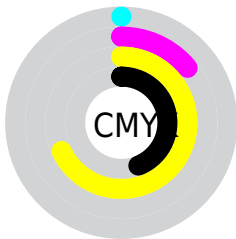
Distribution



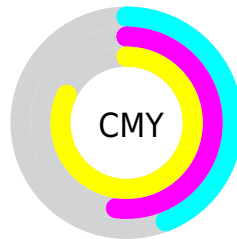
- Red (56%)
- Green (48%)
- Blue (18%)



- Red (27%)
- Yellow (56%)
- Blue (18%)



- Cyan (0%)
- Magenta (14%)
- Yellow (68%)
- Black (44%)



- Cyan (44%)
- Magenta (52%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8E7A2D 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 8E7A2D by changing the saturation by 10% instead.

 8E7A2D

 8E7A2D

FFFFFF

 736113

 C6AE5F

 584A00

 E3C979

 3F3300

 FFE593

 261F00

 FFFFAE

 060700

 FFFFC A

 000000

 FFFF E7

 8E7A2D

 8E7A2D

 8E771F

 8E7D3B

 8E7411

 8E8049

 8E7102

 8E8358

 8E7100

 8E8666

 8E8974

 8E8C82

 8E8E90

 8E919F

 8E94AD

Harmonies

Analogous

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



AC6C39



8E7A2D



688439

Triad

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



8E7A2D



008DA2



AB629F

Complementary

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



8E7A2D



2D418E

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.



8070BB



8E7A2D



0088BC

Square

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



8E7A2D



008E7D



367EC5



BF5B7A

Rectangle

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



8E7A2D



49894B



367EC5



9F66A9

Sweetspot

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



8E7A2D



B8B093



8E2D42



5C5746



DBDBDB



5C5C5C

Same Dimension

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



8E7A2D



B89921



738E2D



474640



876B00



080600

Inverse Universe

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



2D418E



2140B8



482D8E



404247



001C87



000208

Previews

White Background



This preview shows how the Hex color 8E7A2D looks on a white background.

Color Contrast Check

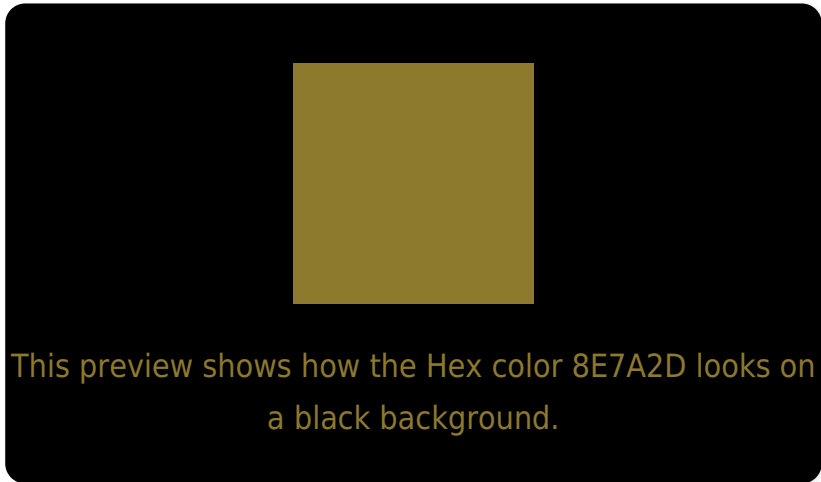
Large Text (above 18pt) WCAG AA ✓ Pass

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

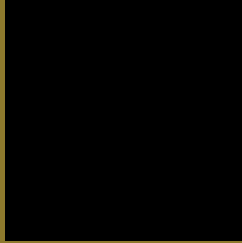
Any Text WCAG AA ✓ Pass

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 8E7A2D Background



This preview shows how black text looks on a background with the Hex color 8E7A2D.



This preview shows how white text looks on a background with the Hex color 8E7A2D.

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

8E7A2D

Protanopia

8A7C2D

Deuteranopia

9A752F



Tritanopia
94727B

Trichromacy



Original Color
8E7A2D

Protanomaly
8B7B2D

Deuteranomaly
96772E

Tritanomaly
92755F

Monochromacy



Original Color
8E7A2D

Achromatopsia
777777

Achromatomaly
7F785C

CSS Examples

Text

The CSS property to change the color of the text to Hex 8E7A2D 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 #8E7A2D looks like.

```
.text, #text, p{  
    color:#8E7A2D  
}
```

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 #8E7A2D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8E7A2D
}
```

Border

The CSS property to change the border of an element to Hex 8E7A2D 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
#8E7A2D }
```

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

```
.border{ border-color:#8E7A2D }
```

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

Here you see how a box with a 4 pixel #8E7A2D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8E7A2D; -webkit-box-shadow:4px 4px  
4px 4px #8E7A2D; box-shadow:4px 4px 4px  
4px #8E7A2D }
```

Background

The CSS property to change the background color of an element to Hex 8E7A2D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8E7A2D }
```

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

```
.background{ background-color:#8E7A2D }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor