

Converting Colors

Hex(8D742E)

Have a look what the booklet for
Hex(8D742E) contains.

Hex(8D742E)	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(8D742E)

Conversions

Conversions Part 1

Format	Color
Hex	8D742E
RGB	141, 116, 46
RGB Percent	55%, 45%, 18%
CMY	0.4471, 0.5451, 0.8196
CMYK	0.00, 0.18, 0.67, 0.45
HSL	44°, 51%, 37%
HSV	44°, 67%, 55%
XYZ	17.7230, 18.3508, 5.1927
YIQ	115.4950, 37.3700, -16.4700

Conversions

Conversions Part 2

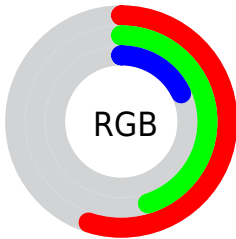
Format	Color
R_{YB}	80, 141, 46
Decimal	9270318
CIE _{Lab}	49.92, 1.52, 41.12
CIE _{LCh}	50, 41.153, 87.885
Yxy	18.3508, 0.4295, 0.4447
Android (android.graphics.Color)	4287460398 (0xFF8D742E)
YUV	115.4950, -34.2610, 22.3679
Hunter-Lab	42.8378, -1.1163, 22.7994

Details

The Hex color **8D742E** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **2E478D**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **C5A85F**, and **584400** is the 20% darker color. If you saturate the color by 10%, you get **8D7020**, and if you desaturate by 10%, it is **8D783C**.

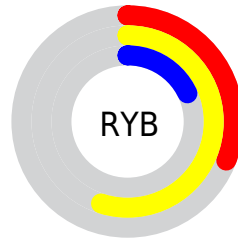
Distribution



Red (55%)

Green (45%)

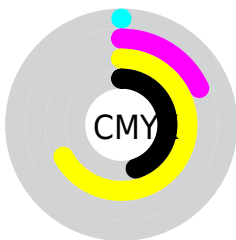
Blue (18%)



Red (31%)

Yellow (55%)

Blue (18%)

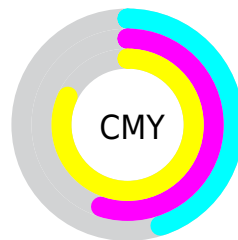


Cyan (0%)

Magenta (18%)

Yellow (67%)

Black (45%)



Cyan (45%)

Magenta (55%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8D742E 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 8D742E by changing the saturation by 10% instead.

 8D742E

 8D742E

FFFFFF

 725C15

 C5A85F

 584400

 E2C379

 3E2E00

 FFDF93

 251A00

 FFFBAE

 030000

 FFFFCA

 000000

 FFFF7E

 8D742E

 8D742E

 8D7020

 8D783C

■ 8D6D12

■ 8D7B4A

■ 8D6904

■ 8D7F58

■ 8D6800

■ 8D8366

■ 8D8775

■ 8D8A83

■ 8D8E91

■ 8D929F

■ 8D95AD

Harmonies

Analogous

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



A8673C



8D742E



6A7E36

Triad

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



8D742E



008896



9F619C

Complementary

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



8D742E



2E478D

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.



756FB5



8D742E



0084B1

Square

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



8D742E



008873



297BBC



B5597B

Rectangle

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



8D742E



4E8346



297BBC



9465A6

Sweetspot

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



8D742E



B8AE93



8D2E47



5C5646



DBDBDB



5C5C5C

Same Dimension

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



8D742E



B89023



778D2E



474640



876400



080600

Inverse Universe

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



2E478D



234AB8



442E8D



404247



002487



000208

Previews

White Background



This preview shows how the Hex color 8D742E looks on a white background.

Color Contrast Check

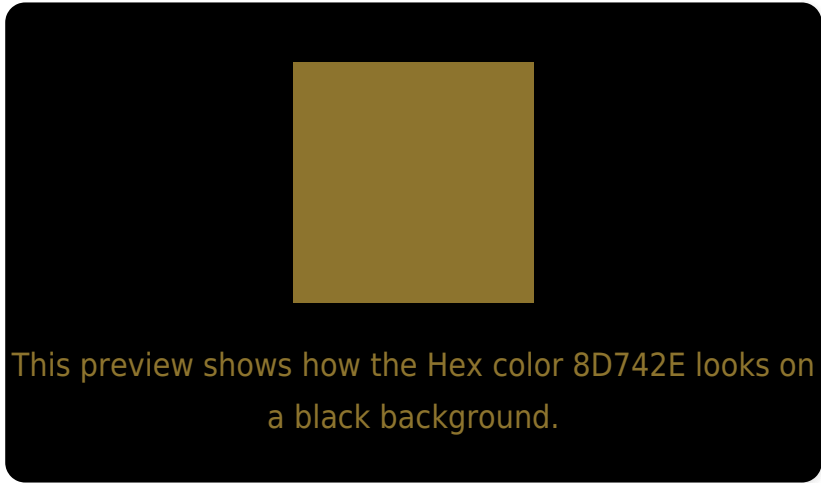
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ 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 8D742E Background



This preview shows how black text looks on a background with the Hex color 8D742E.



This preview shows how white text looks on a background with the Hex color 8D742E.

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
8D742E

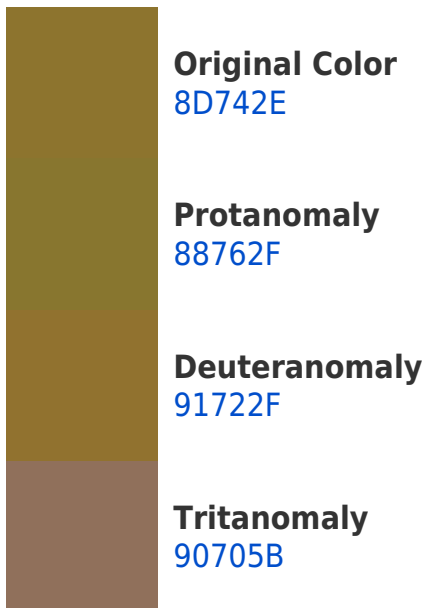
Protanopia
85772F

Deuteranopia
94712F

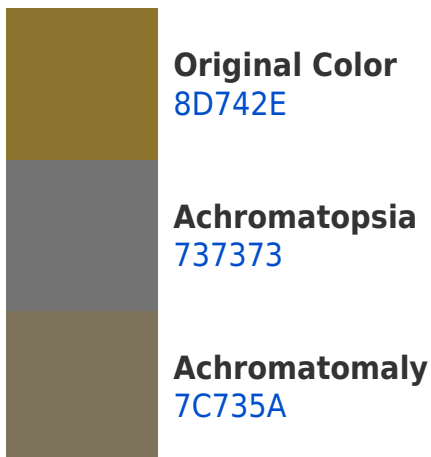


Tritanopia
926D75

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8D742E 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 #8D742E looks like.

```
.text, #text, p{  
    color:#8D742E  
}
```

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 #8D742E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8D742E
}
```

Border

The CSS property to change the border of an element to Hex 8D742E 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
#8D742E }
```

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

```
.border{ border-color:#8D742E }
```

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

Here you see how a box with a 4 pixel #8D742E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8D742E; -webkit-box-shadow:4px 4px  
4px 4px #8D742E; box-shadow:4px 4px 4px  
4px #8D742E }
```

Background

The CSS property to change the background color of an element to Hex 8D742E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8D742E }
```

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

```
.background{ background-color:#8D742E }
```

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