

# Converting Colors

Hex(8D742D)

Have a look what the booklet for  
Hex(8D742D) contains.

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**Color**

**Hex(8D742D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8D742D
RGB	141, 116, 45
RGB Percent	55%, 45%, 18%
CMY	0.4471, 0.5451, 0.8235
CMYK	0.00, 0.18, 0.68, 0.45
HSL	44°, 52%, 36%
HSV	44°, 68%, 55%
XYZ	17.7036, 18.3430, 5.0901
YIQ	115.3810, 37.6910, -16.7810

# Conversions

## Conversions Part 2

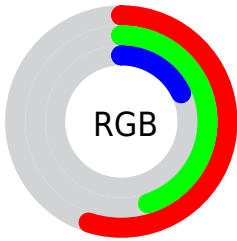
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	79, 141, 45
Decimal	9270317
CIE Lab	49.91, 1.45, 41.59
CIE LCh	50, 41.615, 87.997
Yxy	18.3430, 0.4304, 0.4459
Android (android.graphics.Color)	4287460397 (0xFF8D742D)
YUV	115.3810, -34.6978, 22.4679
Hunter-Lab	42.8287, -1.1659, 22.9336

# Details

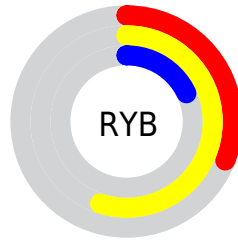
The Hex color **8D742D** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **2D468D**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **C5A85E**, and **574400** is the 20% darker color. If you saturate the color by 10%, you get **8D701F**, and if you desaturate by 10%, it is **8D783B**.

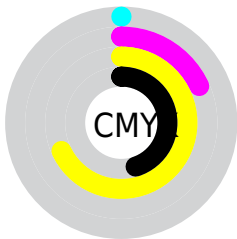
# Distribution



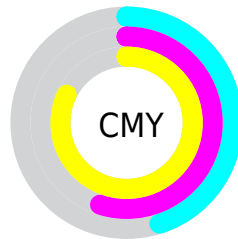
- Red (55%)
- Green (45%)
- Blue (18%)



- Red (31%)
- Yellow (55%)
- Blue (18%)



- Cyan (0%)
- Magenta (18%)
- Yellow (68%)
- Black (45%)



- Cyan (45%)
- Magenta (55%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8D742D 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 8D742D by changing the saturation by 10% instead.



 8D742D

 8D742D

FFFFFF

 725C14

 C5A85E

 574400

 E2C378

 3E2E00

 FFDF92

 251A00

 FFFBAD

 030000

 FFFFC9

 000000

 FFFFEE

 8D742D

 8D742D

 8D701F

 8D783B

■ 8D6D11

■ 8D7B49

■ 8D6903

■ 8D7F57

■ 8D6800

■ 8D8365

■ 8D8674

■ 8D8A82

■ 8D8E90

■ 8D919E

■ 8D95AC

# Harmonies

## Analogous

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



A8673B



8D742D



6A7E35

# Triad

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



8D742D



008897



A0609D

# Complementary

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



8D742D



2D468D

# 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.



756EB5



8D742D



0084B2

# Square

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



8D742D



008873



277BBD



B6587B

# Rectangle

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



8D742D



4D8345



277BBD



9465A6



# Sweetspot

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



8D742D



B8AE93



8D2D47



5C5646



DBDBDB



5C5C5C



# Same Dimension

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



8D742D



B89021



778D2D



474640



876400



080600



# Inverse Universe

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



2D468D



2148B8



432D8D



404247



002387



000208



# Previews

## White Background



This preview shows how the Hex color 8D742D looks on a white background.

## Color Contrast Check

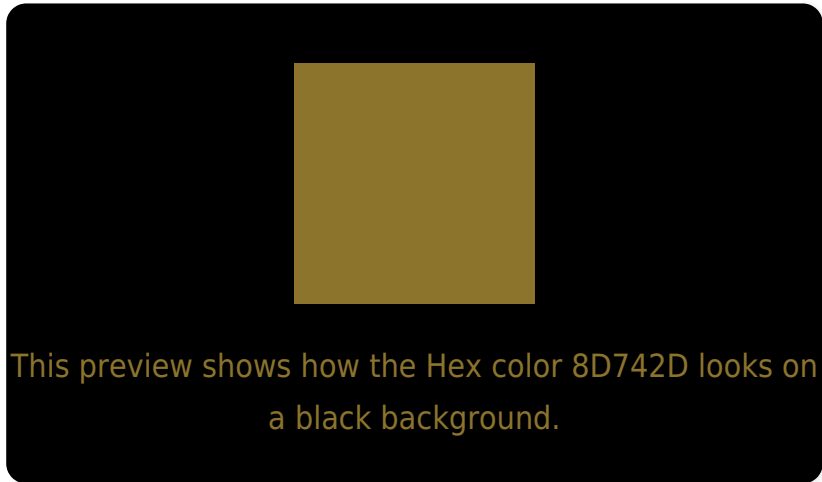
Large Text (above 18pt) WCAG AA ✓ Pass

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 8D742D Background



This preview shows how black text looks on a background with the Hex color 8D742D.



This preview shows how white text looks on a background with the Hex color 8D742D.

# 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**  
8D742D

**Protanopia**  
85772E

**Deuteranopia**  
94712E



**Tritanopia**  
936D75

# Trichromacy



**Original Color**  
8D742D

**Protanomaly**  
88762E

**Deuteranomaly**  
91722E

**Tritanomaly**  
91705B

# Monochromacy



**Original Color**  
8D742D

**Achromatopsia**  
737373

**Achromatomaly**  
7C735A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8D742D 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 #8D742D looks like.

```
.text, #text, p{  
    color:#8D742D  
}
```

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 #8D742D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8D742D
}
```

## Border

The CSS property to change the border of an element to Hex 8D742D 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
#8D742D }
```

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

```
.border{ border-color:#8D742D }
```

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

Here you see how a box with a 4 pixel #8D742D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8D742D; -webkit-box-shadow:4px 4px  
4px 4px #8D742D; box-shadow:4px 4px 4px  
4px #8D742D }
```

# Background

The CSS property to change the background color of an element to Hex 8D742D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8D742D }
```

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

```
.background{ background-color:#8D742D }
```

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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