

# Converting Colors

Hex(784E2E)

Have a look what the booklet for  
Hex(784E2E) contains.

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**Color**

**Hex(784E2E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	784E2E
RGB	120, 78, 46
RGB Percent	47%, 31%, 18%
CMY	0.5294, 0.6941, 0.8196
CMYK	0.00, 0.35, 0.62, 0.53
HSL	26°, 45%, 33%
HSV	26°, 62%, 47%
XYZ	10.9633, 9.6391, 3.8675
YIQ	86.9100, 35.3040, -1.0480

# Conversions

## Conversions Part 2

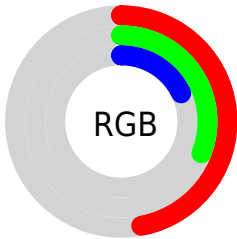
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	120, 102, 46
Decimal	7884334
CIE <sub>Lab</sub>	37.19, 14.14, 25.96
CIE <sub>LCh</sub>	37, 29.558, 61.426
Yxy	9.6391, 0.4480, 0.3939
Android (android.graphics.Color)	4286074414 (0xFF784E2E)
YUV	86.9100, -20.1686, 29.0199
Hunter-Lab	31.0469, 8.6997, 14.3472

# Details

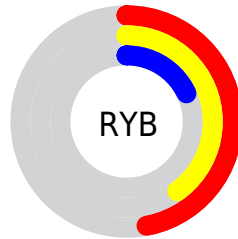
The Hex color **784E2E** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **2E5878**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **AF7F5D**, and **442100** is the 20% darker color. If you saturate the color by 10%, you get **784722**, and if you desaturate by 10%, it is **78553A**.

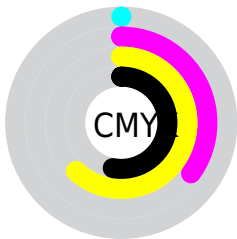
# Distribution



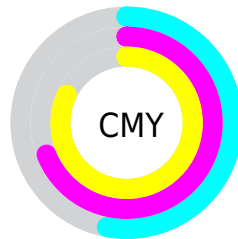
- Red (47%)
- Green (31%)
- Blue (18%)



- Red (47%)
- Yellow (40%)
- Blue (18%)



- Cyan (0%)
- Magenta (35%)
- Yellow (62%)
- Black (53%)



- Cyan (53%)
- Magenta (69%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 784E2E 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 784E2E by changing the saturation by 10% instead.



 784E2E

 784E2E

FFFFFF

 5E3718

 AF7F5D

 442100

 CB9976

 2B0D00

 E8B48F

 050000

 FFD0AA

 000000

 FFECC5

 FFFFE1

FFFFFFE

 784E2E

 784E2E

■ 784722

■ 78553A

■ 784016

■ 785C46

■ 783A0A

■ 786252

■ 783400

■ 78695E

■ 78706A

■ 787776

■ 787E82

■ 78848E

■ 788B9A

# Harmonies

## Analogous

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



834640



784E2E



655727

# Triad

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



784E2E



006458



5B5180

# Complementary

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



784E2E



2E5878

# 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.



315A87



784E2E



006370

# Square

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



784E2E



2E6240



006081



76486F

# Rectangle

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



784E2E



555B2A



006081



4F5484



# Sweetspot

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



784E2E



9C8B7E



782E59



4F453D



CFCFCF



4F4F4F



# Same Dimension

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



784E2E



9C5A28



78722E



3D3A37



7D3600



FC6D00



# Inverse Universe

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



2E5878



286A9C



2E3478



373B3D



00477D



008FFC



# Previews

## White Background



This preview shows how the Hex color 784E2E looks on a white background.

## Color Contrast Check

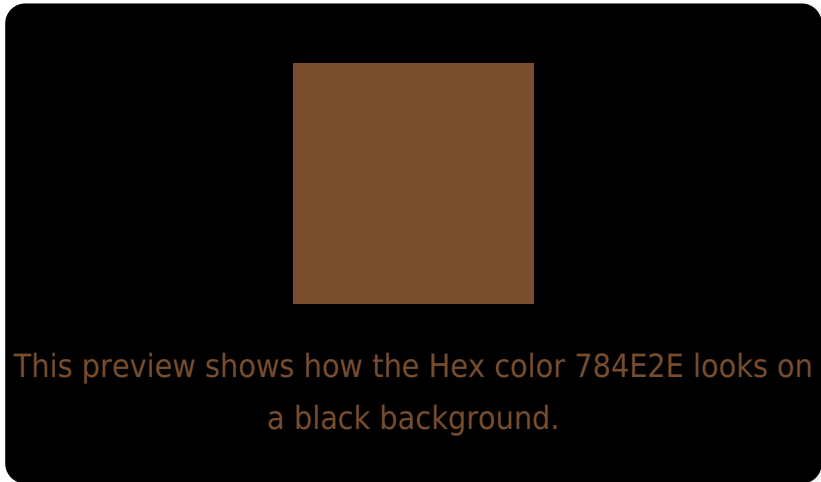
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

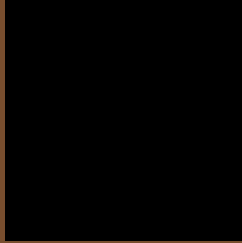
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 784E2E Background



This preview shows how black text looks on a background with the Hex color 784E2E.



This preview shows how white text looks on a background with the Hex color 784E2E.

# 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**  
784E2E

**Protanopia**  
615831

**Deuteranopia**  
6C542D



**Tritanopia**  
7A4A50

# Trichromacy



**Original Color**  
784E2E

**Protanomaly**  
695430

**Deuteranomaly**  
70522D

**Tritanomaly**  
794B44

# Monochromacy



**Original Color**  
784E2E

**Achromatopsia**  
575757

**Achromatomaly**  
635448

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 784E2E 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 #784E2E looks like.

```
.text, #text, p{  
    color:#784E2E  
}
```

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 #784E2E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #784E2E
}
```

## Border

The CSS property to change the border of an element to Hex 784E2E is called "border". The border property can be set on classes, ids or directly on the HTML element.

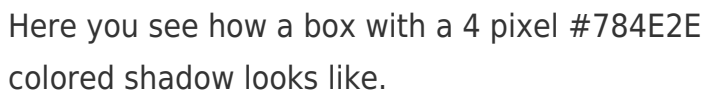
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#784E2E }
```

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

```
.border{ border-color:#784E2E }
```

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



Here you see how a box with a 4 pixel #784E2E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #784E2E; -webkit-box-shadow:4px 4px  
4px 4px #784E2E; box-shadow:4px 4px 4px  
4px #784E2E }
```

# Background

The CSS property to change the background color of an element to Hex 784E2E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#784E2E }
```

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

```
.background{ background-color:#784E2E }
```

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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