

# Converting Colors

Hex(784F3B)

Have a look what the booklet for  
Hex(784F3B) contains.

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**Color**

**Hex(784F3B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	784F3B
RGB	120, 79, 59
RGB Percent	47%, 31%, 23%
CMY	0.5294, 0.6902, 0.7686
CMYK	0.00, 0.34, 0.51, 0.53
HSL	20°, 34%, 35%
HSV	20°, 51%, 47%
XYZ	11.3311, 9.9008, 5.4515
YIQ	88.9790, 30.8560, 2.4720

# Conversions

## Conversions Part 2

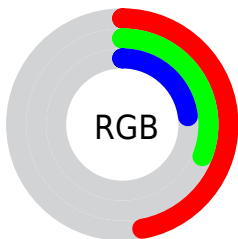
<b>Format</b>	<b>Color</b>
<b>RYB</b>	120, 89, 59
Decimal	7884603
CIELab	37.66, 14.77, 18.81
CIElCh	38, 23.918, 51.854
Yxy	9.9008, 0.4247, 0.3710
Android (android.graphics.Color)	4286074683 (0xFF784F3B)
YUV	88.9790, -14.7796, 27.2054
Hunter-Lab	31.4655, 9.2154, 11.7537

# Details

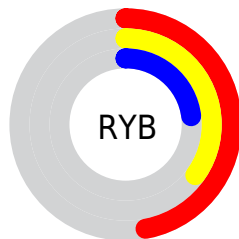
The Hex color **784F3B** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **3B6478**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **AE806A**, and **452210** is the 20% darker color. If you saturate the color by 10%, you get **78472F**, and if you desaturate by 10%, it is **785747**.

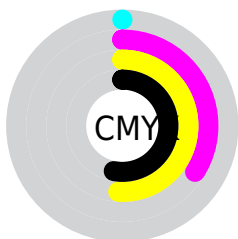
# Distribution



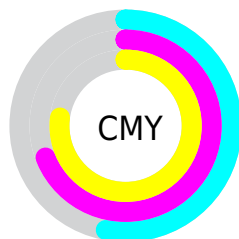
- Red (47%)
- Green (31%)
- Blue (23%)



- Red (47%)
- Yellow (35%)
- Blue (23%)



- Cyan (0%)
- Magenta (34%)
- Yellow (51%)
- Black (53%)



- Cyan (53%)
- Magenta (69%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 784F3B 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 784F3B by changing the saturation by 10% instead.



 784F3B

 784F3B

FFFFFF

 5E3825

 AE806A

 452210

 CA9A84

 2D0D00

 E7B59E

 0C0000

 FFD1B9

 000000

 FFEDD5

 FFFFF1

 784F3B

 784F3B

 78472F

 785747

 783F23

 785F53

 783717

 78675F

 782F0B

 786F6B

 782700

 787777

 787F83

 78878F

 78909B

 7898A7

# Harmonies

## Analogous

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



7E4A4B



784F3B



6A5632

# Triad

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



784F3B



276353



53567C

# Complementary

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



784F3B



3B6478

# 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.



335C7F



784F3B



086366

# Square

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



784F3B



416040



0E6176



6C4F71

# Rectangle

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



784F3B



5E5A32



0E6176



49587E



# Sweetspot

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



784F3B



9C8C84



783B65



4F4541



CFCFCF



4F4F4F



# Same Dimension

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



784F3B



9C5C3D



786D3B



3D3937



7D2900



FC5300



# Inverse Universe

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



3B6478



3D7C9C



3B4678



373B3D



00547D



00AAFC



# Previews

## White Background



This preview shows how the Hex color 784F3B looks on a white background.

## Color Contrast Check

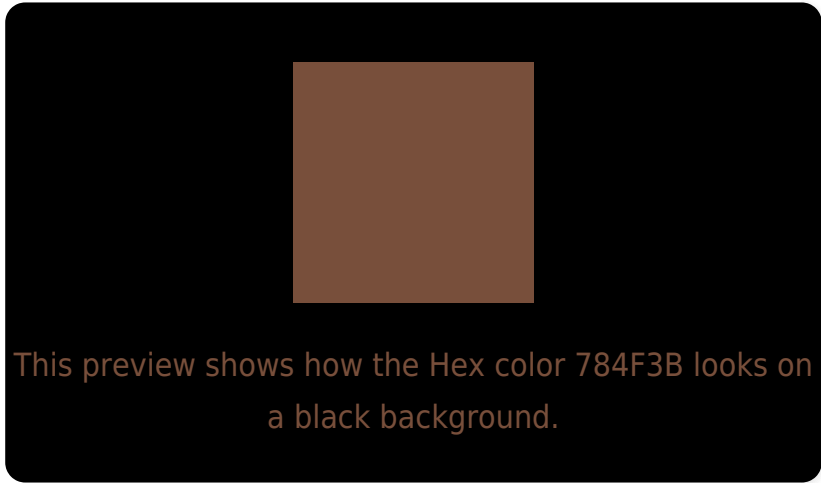
Large Text (above 18pt) WCAG AA ✓ Pass

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

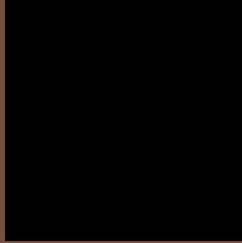
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 784F3B Background



This preview shows how black text looks on a background with the Hex color 784F3B.



This preview shows how white text looks on a background with the Hex color 784F3B.

# 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**  
784F3B

**Protanopia**  
60593F

**Deuteranopia**  
6B553A



**Tritanopia**  
7A4C52

# Trichromacy



**Original Color**  
784F3B

**Protanomaly**  
69553E

**Deuteranomaly**  
70533A

**Tritanomaly**  
794D4A

# Monochromacy



**Original Color**  
784F3B

**Achromatopsia**  
595959

**Achromatomaly**  
64554E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 784F3B 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 #784F3B looks like.

```
.text, #text, p{  
    color:#784F3B  
}
```

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 #784F3B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #784F3B
}
```

## Border

The CSS property to change the border of an element to Hex 784F3B is called "border". The border property can be set on classes, ids or directly on the HTML element.

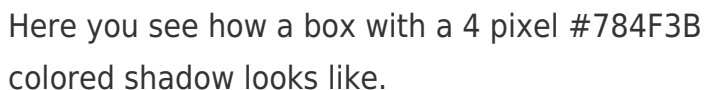
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#784F3B }
```

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

```
.border{ border-color:#784F3B }
```

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



Here you see how a box with a 4 pixel `#784F3B` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #784F3B; -webkit-box-shadow:4px 4px  
4px 4px #784F3B; box-shadow:4px 4px 4px  
4px #784F3B }
```

# Background

The CSS property to change the background color of an element to Hex 784F3B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#784F3B }
```

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

```
.background{ background-color:#784F3B }
```

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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