

# Converting Colors

Hex(784D4C)

Have a look what the booklet for  
Hex(784D4C) contains.

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**Color**

**Hex(784D4C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	784D4C
RGB	120, 77, 76
RGB Percent	47%, 30%, 30%
CMY	0.5294, 0.6980, 0.7020
CMYK	0.00, 0.36, 0.37, 0.53
HSL	1°, 22%, 38%
HSV	1°, 37%, 47%
XYZ	11.7041, 9.8226, 8.1166
YIQ	89.7430, 25.9490, 8.8050

# Conversions

## Conversions Part 2

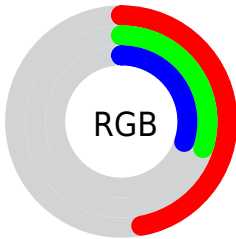
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	120, 77, 76
Decimal	7884108
CIE <sub>Lab</sub>	37.52, 18.05, 8.11
CIE <sub>LCh</sub>	38, 19.792, 24.183
Yxy	9.8226, 0.3948, 0.3314
Android (android.graphics.Color)	4286074188 (0xFF784D4C)
YUV	89.7430, -6.7753, 26.5354
Hunter-Lab	31.3411, 11.8128, 6.5841

# Details

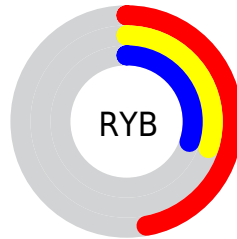
The Hex color **784D4C** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **4C7778**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **AE7E7D**, and **462020** is the 20% darker color. If you saturate the color by 10%, you get **784140**, and if you desaturate by 10%, it is **785958**.

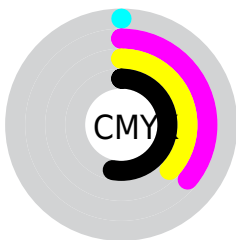
# Distribution



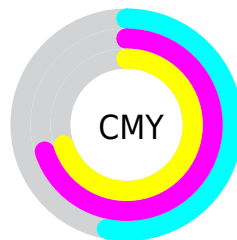
- Red (47%)
- Green (30%)
- Blue (30%)



- Red (47%)
- Yellow (30%)
- Blue (30%)



- Cyan (0%)
- Magenta (36%)
- Yellow (37%)
- Black (53%)



- Cyan (53%)
- Magenta (70%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 784D4C 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 784D4C by changing the saturation by 10% instead.



 784D4C

 784D4C

FFFFFF

 5E3635

 AE7E7D

 462020

 CA9897

 2E0B09

 E6B3B1

 120000

 FFCFCD

 000000

 FFEBE9

 784D4C

 784D4C

 784140

 785958

 783634

 786464

■ 782A28

■ 787070

■ 781E1C

■ 787C7C

■ 781210

■ 788888

■ 780704

■ 789394

■ 780300

■ 789FA0

■ 78ABAC

■ 78B7B8

# Harmonies

## Analogous

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



754D5C



784D4C



72513F

# Triad

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



784D4C



445F45



3E5B78

# Complementary

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



784D4C



4C7778

# 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.



295F72



784D4C



316155

# Square

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



784D4C



565B3B



246165



565575

# Rectangle

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



784D4C



6B543A



246165



365C77



# Sweetspot

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



784D4C



9C8B8A



784C77



4F4545



CFCFCF



4F4F4F



# Same Dimension

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



784D4C



9C5957



78634C



3D3737



7D0300



FC0600



# Inverse Universe

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



4C7778



579A9C



4C6178



373D3D



007A7D

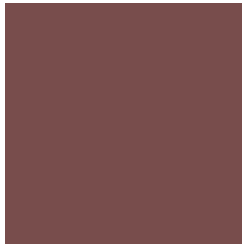


00F7FC



# Previews

## White Background



This preview shows how the Hex color 784D4C looks on a white background.

## Color Contrast Check

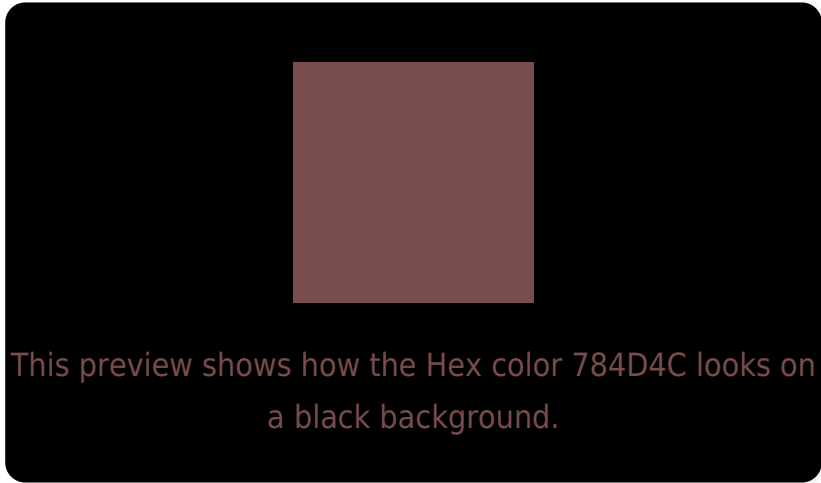
Large Text (above 18pt) WCAG AA ✓ Pass

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 784D4C Background



This preview shows how black text looks on a background with the Hex color 784D4C.



This preview shows how white text looks on a background with the Hex color 784D4C.

# 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**  
784D4C

**Protanopia**  
5C5852

**Deuteranopia**  
66554B



**Tritanopia**  
794C52

# Trichromacy



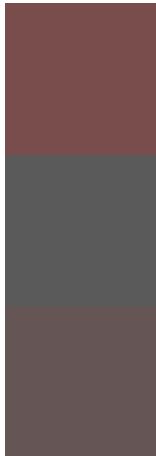
**Original Color**  
784D4C

**Protanomaly**  
665450

**Deuteranomaly**  
6D524B

**Tritanomaly**  
794C50

# Monochromacy



**Original Color**  
784D4C

**Achromatopsia**  
5A5A5A

**Achromatomaly**  
655555

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 784D4C 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 #784D4C looks like.

```
.text, #text, p{  
    color:#784D4C  
}
```

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 #784D4C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #784D4C
}
```

## Border

The CSS property to change the border of an element to Hex 784D4C is called "border". The border property can be set on classes, ids or directly on the HTML element.

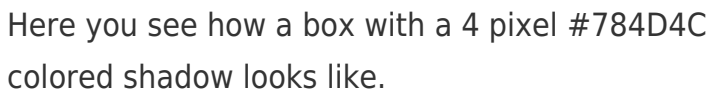
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#784D4C }
```

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

```
.border{ border-color:#784D4C }
```

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



Here you see how a box with a 4 pixel #784D4C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #784D4C; -webkit-box-shadow:4px 4px  
4px 4px #784D4C; box-shadow:4px 4px 4px  
4px #784D4C }
```

# Background

The CSS property to change the background color of an element to Hex 784D4C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#784D4C }
```

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

```
.background{ background-color:#784D4C }
```

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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