

# Converting Colors

Hex(784400)

Have a look what the booklet for  
Hex(784400) contains.

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**Color**

**Hex(784400)**

# Conversions

## Conversions Part 1

Format	Color
Hex	784400
RGB	120, 68, 0
RGB Percent	47%, 27%, 0%
CMY	0.5294, 0.7333, 1.0000
CMYK	0.00, 0.43, 1.00, 0.53
HSL	34°, 100%, 24%
HSV	34°, 100%, 47%
XYZ	9.8129, 8.1273, 1.0515
YIQ	75.7960, 52.8200, -10.1240

# Conversions

## Conversions Part 2

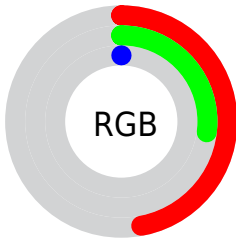
<b>Format</b>	<b>Color</b>
<b>RYB</b>	92, 120, 0
Decimal	7881728
CIELab	34.25, 17.98, 44.04
CIELCh	34, 47.570, 67.791
Yxy	8.1273, 0.5167, 0.4279
Android (android.graphics.Color)	4286071808 (0xFF784400)
YUV	75.7960, -37.3674, 38.7669
Hunter-Lab	28.5084, 11.5515, 17.7690

# Details

The Hex color **784400** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **003478**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **B17434**, and **411800** is the 20% darker color. If you saturate the color by 10%, you get **784400**, and if you desaturate by 10%, it is **78490C**.

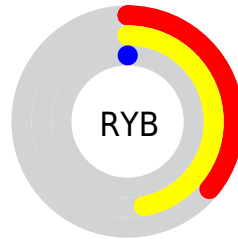
# Distribution



Red (47%)

Green (27%)

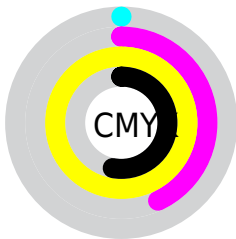
Blue (0%)



Red (36%)

Yellow (47%)

Blue (0%)

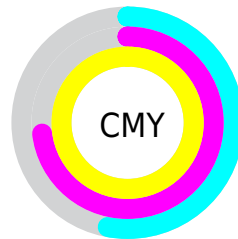


Cyan (0%)

Magenta (43%)

Yellow (100%)

Black (53%)



Cyan (53%)

Magenta (73%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 784400 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 784400 by changing the saturation by 10% instead.



 784400

 784400

 FFFFEE

 5D2D00

 B17434

 411800

 CF8E4D

 280100

 EDA966

 000000

 FFC480

 FFE09A

 FFFCB5

 FFFFD1

 784400

 78490C

 784E18

 785424

 785930

 785E3C

 786348

 786854

 786E60

 78736C

# Harmonies

## Analogous

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



8D3324



784400



595200

# Triad

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



784400



00625A



5D428D

# Complementary

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



784400



003478

# 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.



00529C



784400



00617E

# Square

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



784400



006032



005C97



852F6E

# Rectangle

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



784400



3F5900



005C97



494894



# Sweetspot

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



784400



9C876D



780034



4F4333



CFCFCF



4F4F4F



# Same Dimension

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



784400



9C5800



707800



3D3B37



7D4700



FC8F00



# Inverse Universe

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



003478



00439C



080078



373A3D



00367D

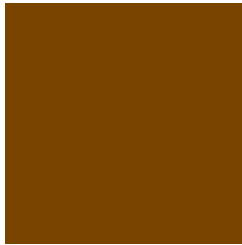


006DFC



# Previews

## White Background



This preview shows how the Hex color 784400 looks on a white background.

## Color Contrast Check

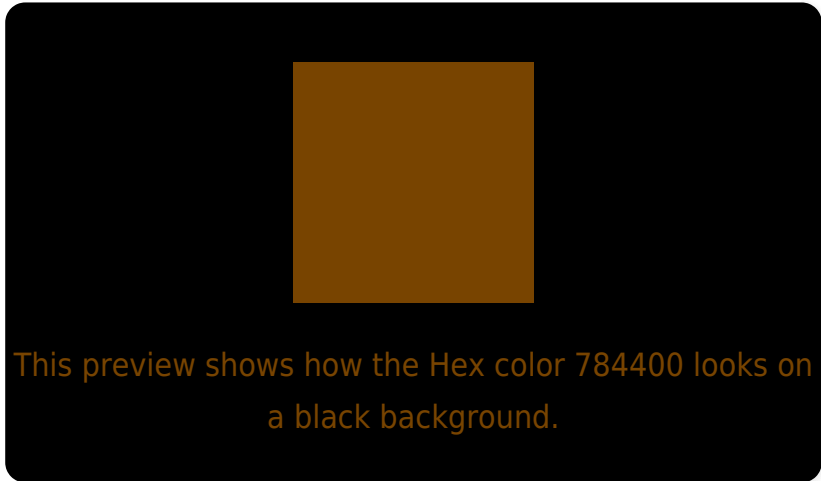
Large Text (above 18pt) WCAG AA ✓ Pass

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 784400 Background



This preview shows how black text looks on a background with the Hex color 784400.



This preview shows how white text looks on a background with the Hex color 784400.

# 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**  
784400

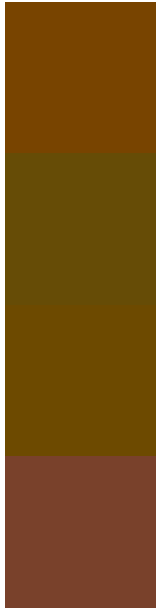
**Protanopia**  
5C510A

**Deuteranopia**  
674D00



**Tritanopia**  
7A3F44

# Trichromacy



**Original Color**  
784400

**Protanomaly**  
664C06

**Deuteranomaly**  
6D4A00

**Tritanomaly**  
79412B

# Monochromacy



**Original Color**  
784400

**Achromatopsia**  
4C4C4C

**Achromatomaly**  
5C4930

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 784400 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 #784400 looks like.

```
.text, #text, p{  
    color:#784400  
}
```

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 #784400 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #784400
}
```

## Border

The CSS property to change the border of an element to Hex 784400 is called "border". The border property can be set on classes, ids or directly on the HTML element.

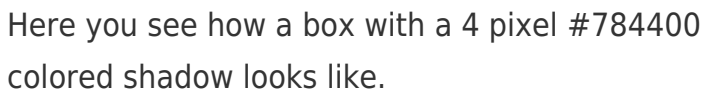
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#784400 }
```

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

```
.border{ border-color:#784400 }
```

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



Here you see how a box with a 4 pixel #784400 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #784400; -webkit-box-shadow:4px 4px  
4px 4px #784400; box-shadow:4px 4px 4px  
4px #784400 }
```

# Background

The CSS property to change the background color of an element to Hex 784400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#784400 }
```

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

```
.background{ background-color:#784400 }
```

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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