

# Converting Colors

Hex(785436)

Have a look what the booklet for  
Hex(785436) contains.

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**Color**

**Hex(785436)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	785436
RGB	120, 84, 54
RGB Percent	47%, 33%, 21%
CMY	0.5294, 0.6706, 0.7882
CMYK	0.00, 0.30, 0.55, 0.53
HSL	27°, 38%, 34%
HSV	27°, 55%, 47%
XYZ	11.5819, 10.6001, 4.9256
YIQ	91.3440, 31.0860, -1.6980

# Conversions

## Conversions Part 2

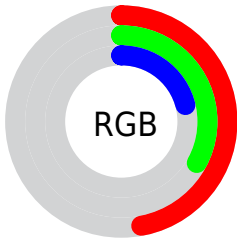
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	120, 109, 54
Decimal	7885878
CIE <sub>Lab</sub>	38.90, 11.25, 23.39
CIE <sub>LCh</sub>	39, 25.956, 64.306
Yxy	10.6001, 0.4273, 0.3910
Android (android.graphics.Color)	4286075958 (0xFF785436)
YUV	91.3440, -18.4106, 25.1313
Hunter-Lab	32.5577, 6.5226, 13.8205

# Details

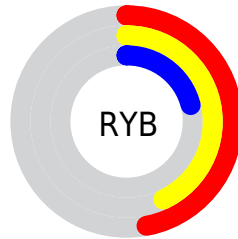
The Hex color **785436** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **365A78**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **AE8665**, and **45270A** is the 20% darker color. If you saturate the color by 10%, you get **784D2A**, and if you desaturate by 10%, it is **785B42**.

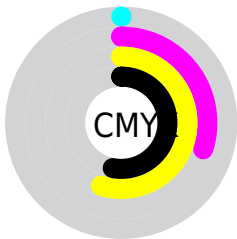
# Distribution



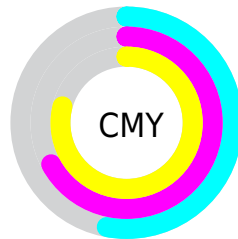
- Red (47%)
- Green (33%)
- Blue (21%)



- Red (47%)
- Yellow (43%)
- Blue (21%)



- Cyan (0%)
- Magenta (30%)
- Yellow (55%)
- Black (53%)



- Cyan (53%)
- Magenta (67%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 785436 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 785436 by changing the saturation by 10% instead.



 785436

 785436

FFFFFF

 5E3D20

 AE8665

 45270A

 CAA07E

 2D1200

 E7BB99

 100000

 FFD7B3

 000000

 FFF3CF

 FFFFEB

 785436

 785436

 784D2A

 785B42

■ 78471E

■ 78614E

■ 784012

■ 78685A

■ 783A06

■ 786E66

■ 783700

■ 787572

■ 787B7E

■ 78828A

■ 788896

■ 788FA2

# Harmonies

## Analogous

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



834D45



785436



665B31

# Triad

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



785436



13675E



62557E

# Complementary

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



785436



365A78

# 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.



415D85



785436



006673

# Square

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



785436



366549



156381



794E6E

# Rectangle

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



785436



586034



156381



585882



# Sweetspot

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



785436



9C8D81



78365A



4F463F



CFCFCF



4F4F4F



# Same Dimension

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



785436



9C6435



787536



3D3A37



7D3900



FC7300



# Inverse Universe

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



365A78



356D9C



363978



373A3D



00447D

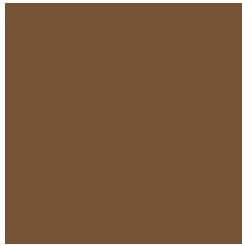


008AFC



# Previews

## White Background



This preview shows how the Hex color 785436 looks on a white background.

## Color Contrast Check

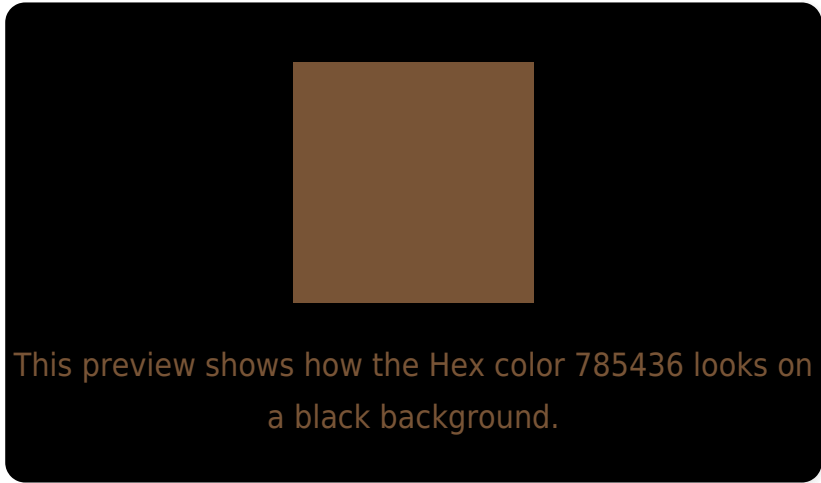
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

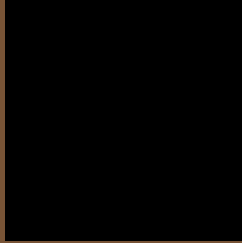
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 785436 Background



This preview shows how black text looks on a background with the Hex color 785436.



This preview shows how white text looks on a background with the Hex color 785436.

# 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**  
785436

**Protanopia**  
645C39

**Deuteranopia**  
705835



**Tritanopia**  
7B5056

# Trichromacy



**Original Color**  
785436

**Protanomaly**  
6B5938

**Deuteranomaly**  
735735

**Tritanomaly**  
7A514A

# Monochromacy



**Original Color**  
785436

**Achromatopsia**  
5B5B5B

**Achromatomaly**  
66584E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 785436 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 #785436 looks like.

```
.text, #text, p{  
    color:#785436  
}
```

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 #785436 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #785436
}
```

## Border

The CSS property to change the border of an element to Hex 785436 is called "border". The border property can be set on classes, ids or directly on the HTML element.

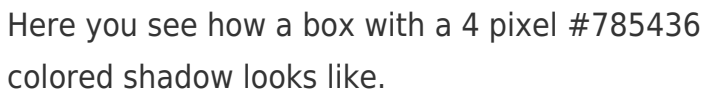
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#785436 }
```

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

```
.border{ border-color:#785436 }
```

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



Here you see how a box with a 4 pixel #785436 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #785436; -webkit-box-shadow:4px 4px  
4px 4px #785436; box-shadow:4px 4px 4px  
4px #785436 }
```

# Background

The CSS property to change the background color of an element to Hex 785436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#785436 }
```

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

```
.background{ background-color:#785436 }
```

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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