

# Converting Colors

Hex(785641)

Have a look what the booklet for  
Hex(785641) contains.

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**Color**

**Hex(785641)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	785641
RGB	120, 86, 65
RGB Percent	47%, 34%, 25%
CMY	0.5294, 0.6627, 0.7451
CMYK	0.00, 0.28, 0.46, 0.53
HSL	23°, 30%, 36%
HSV	23°, 46%, 47%
XYZ	12.0277, 11.0303, 6.4962
YIQ	93.7720, 27.0050, 0.6770

# Conversions

## Conversions Part 2

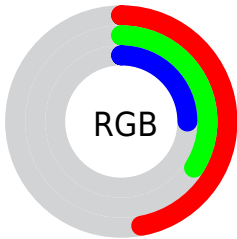
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	120, 99, 65
Decimal	7886401
CIE <sub>Lab</sub>	39.63, 11.23, 17.77
CIE <sub>LCh</sub>	40, 21.020, 57.693
Yxy	11.0303, 0.4070, 0.3732
Android (android.graphics.Color)	4286076481 (0xFF785641)
YUV	93.7720, -14.1846, 23.0020
Hunter-Lab	33.2119, 6.5228, 11.6514

# Details

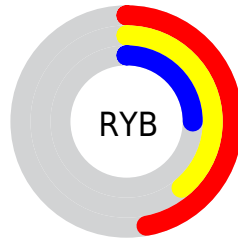
The Hex color **785641** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **416378**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **AE8871**, and **452916** is the 20% darker color. If you saturate the color by 10%, you get **784F35**, and if you desaturate by 10%, it is **785D4D**.

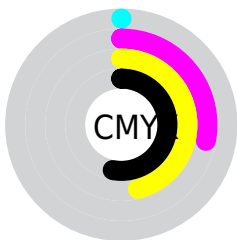
# Distribution



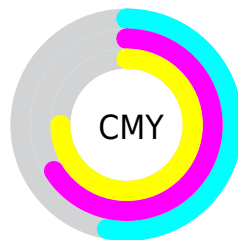
- Red (47%)
- Green (34%)
- Blue (25%)



- Red (47%)
- Yellow (39%)
- Blue (25%)



- Cyan (0%)
- Magenta (28%)
- Yellow (46%)
- Black (53%)



- Cyan (53%)
- Magenta (66%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 785641 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 785641 by changing the saturation by 10% instead.



 785641

 785641

FFFFFF

 5E3F2B

 AE8871

 452916

 CAA28B

 2E1400

 E6BDA5

 150000

 FFD9C0

 000000

 FFF5DC

 FFFFF9

 785641

 785641

 784F35

 785D4D

■ 784729

■ 786559

■ 78401D

■ 786C65

■ 783811

■ 787471

■ 783105

■ 787B7D

■ 782E00

■ 788389

■ 788A95

■ 7891A1

■ 7899AD

# Harmonies

## Analogous

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



7F524E



785641



6A5C3B

# Triad

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



785641



31675B



5E597C

# Complementary

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



785641



416378

# 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.



445F7F



785641



23666D

# Square

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



785641



45654B



2C647A



725470

# Rectangle

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



785641



5F603C



2C647A



565B7E



# Sweetspot

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



785641



9C8E86



784164



4F4742



CFCFCF



4F4F4F



# Same Dimension

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



785641



9C6746



787141



3D3937



7D3000



FC6000



# Inverse Universe

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



416378



467B9C



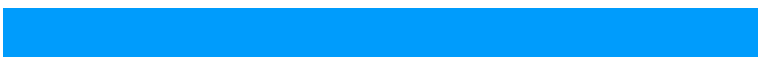
414878



373B3D



004D7D



009CFC



# Previews

## White Background



This preview shows how the Hex color 785641 looks on a white background.

## Color Contrast Check

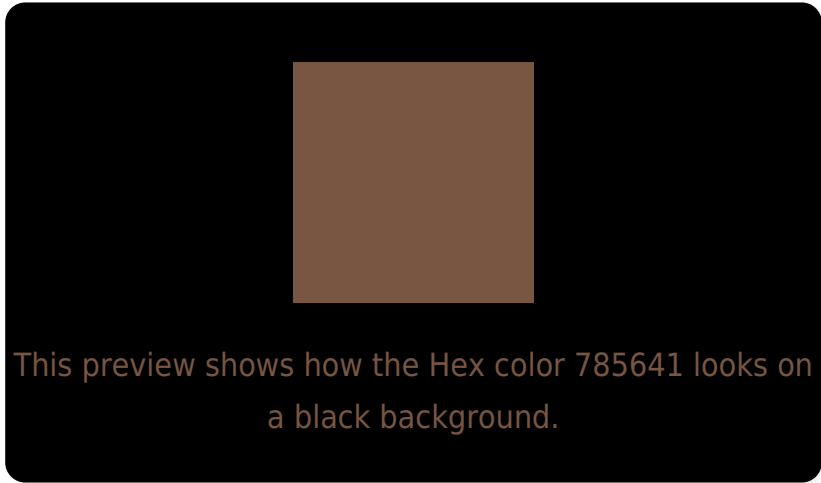
Large Text (above 18pt) WCAG AA ✓ Pass

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

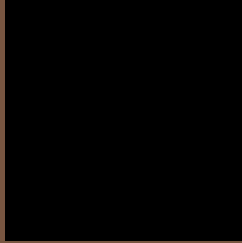
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 785641 Background



This preview shows how black text looks on a background with the Hex color 785641.



This preview shows how white text looks on a background with the Hex color 785641.

# 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**  
785641

**Protanopia**  
655E44

**Deuteranopia**  
705A40



**Tritanopia**  
7A5359

# Trichromacy



**Original Color**  
785641

**Protanomaly**  
6C5B43

**Deuteranomaly**  
735940

**Tritanomaly**  
795450

# Monochromacy



**Original Color**  
785641

**Achromatopsia**  
5E5E5E

**Achromatomaly**  
675B53

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 785641 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 #785641 looks like.

```
.text, #text, p{  
    color:#785641  
}
```

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 #785641 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #785641
}
```

## Border

The CSS property to change the border of an element to Hex 785641 is called "border". The border property can be set on classes, ids or directly on the HTML element.

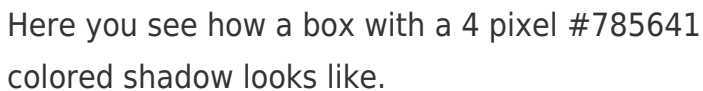
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#785641 }
```

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

```
.border{ border-color:#785641 }
```

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



Here you see how a box with a 4 pixel #785641 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #785641; -webkit-box-shadow:4px 4px  
4px 4px #785641; box-shadow:4px 4px 4px  
4px #785641 }
```

# Background

The CSS property to change the background color of an element to Hex 785641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#785641 }
```

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

```
.background{ background-color:#785641 }
```

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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