

# Converting Colors

Hex(785B54)

Have a look what the booklet for  
Hex(785B54) contains.

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**Color**

**Hex(785B54)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	785B54
RGB	120, 91, 84
RGB Percent	47%, 36%, 33%
CMY	0.5294, 0.6431, 0.6706
CMYK	0.00, 0.24, 0.30, 0.53
HSL	12°, 18%, 40%
HSV	12°, 30%, 47%
XYZ	13.0870, 12.1153, 10.0362
YIQ	98.8730, 19.5310, 3.9710

# Conversions

## Conversions Part 2

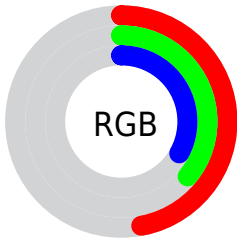
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	120, 93, 84
Decimal	7887700
CIE <sub>Lab</sub>	41.40, 10.78, 8.62
CIE <sub>LCh</sub>	41, 13.802, 38.644
Yxy	12.1153, 0.3714, 0.3438
Android (android.graphics.Color)	4286077780 (0xFF785B54)
YUV	98.8730, -7.3324, 18.5284
Hunter-Lab	34.8071, 6.2015, 7.2694

# Details

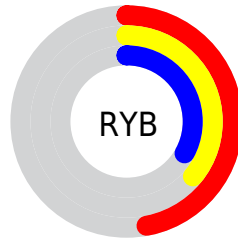
The Hex color **785B54** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **547178**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **AD8D86**, and **462D27** is the 20% darker color. If you saturate the color by 10%, you get **785148**, and if you desaturate by 10%, it is **786560**.

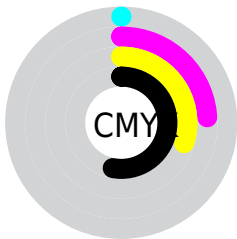
# Distribution



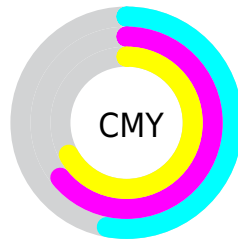
- Red (47%)
- Green (36%)
- Blue (33%)



- Red (47%)
- Yellow (36%)
- Blue (33%)



- Cyan (0%)
- Magenta (24%)
- Yellow (30%)
- Black (53%)



- Cyan (53%)
- Magenta (64%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 785B54 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 785B54 by changing the saturation by 10% instead.





785B54



785B54

FFFFFF



5F433D



AD8D86



462D27



C9A8A0



2F1813



E5C3BB



1B0000



FFDFD6



000000



FFFBF3



785B54



785B54



785148



786560



78483C



786E6C

■ 783E30

■ 787878

■ 783424

■ 788284

■ 782B18

■ 788B90

■ 78210C

■ 78959C

■ 781700

■ 789FA8

■ 78A8B4

■ 78B2C0

# Harmonies

## Analogous

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



795A5F



785B54



725E4D

# Triad

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



785B54



4E6759



596278

# Complementary

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



785B54



547178

# 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.



4B6576



785B54



446865

# Square

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



785B54



5A6550



43676F



685E73

# Rectangle

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



785B54



6B614B



43676F



546378



# Sweetspot

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



785B54



9C908E



785471



4F4846



CFCFCF



4F4F4F



# Same Dimension

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



785B54



9C6E64



786D54



3D3837



7D1800



FC3100



# Inverse Universe

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



547178



64919C



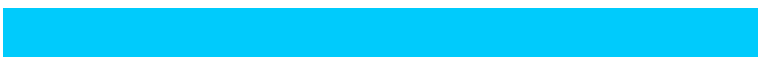
545F78



373C3D



00657D



00CBFC



# Previews

## White Background



This preview shows how the Hex color 785B54 looks on a white background.

## Color Contrast Check

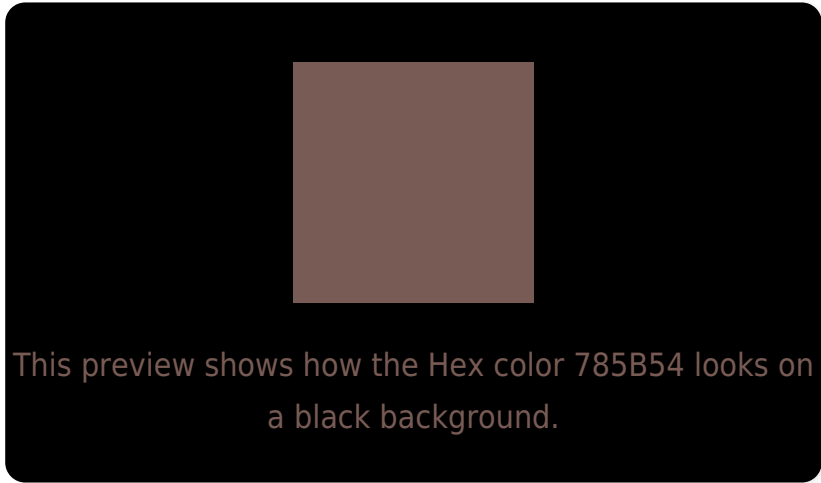
Large Text (above 18pt) WCAG AA ✓ Pass

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 785B54 Background



This preview shows how black text looks on a background with the Hex color 785B54.



This preview shows how white text looks on a background with the Hex color 785B54.

# 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**  
785B54

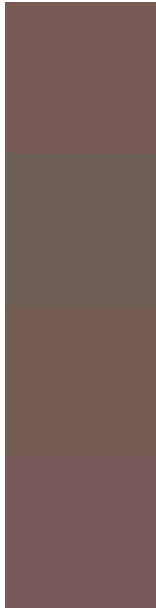
**Protanopia**  
666257

**Deuteranopia**  
705E53



**Tritanopia**  
795960

# Trichromacy



**Original Color**  
785B54

**Protanomaly**  
6D5F56

**Deuteranomaly**  
735D53

**Tritanomaly**  
795A5C

# Monochromacy



**Original Color**  
785B54

**Achromatopsia**  
636363

**Achromatomaly**  
6B605E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 785B54 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 #785B54 looks like.

```
.text, #text, p{  
    color:#785B54  
}
```

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 #785B54 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #785B54
}
```

## Border

The CSS property to change the border of an element to Hex 785B54 is called "border". The border property can be set on classes, ids or directly on the HTML element.

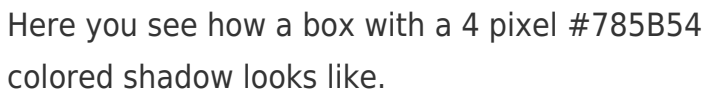
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#785B54 }
```

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

```
.border{ border-color:#785B54 }
```

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



Here you see how a box with a 4 pixel `#785B54` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #785B54; -webkit-box-shadow:4px 4px  
4px 4px #785B54; box-shadow:4px 4px 4px  
4px #785B54 }
```

# Background

The CSS property to change the background color of an element to Hex 785B54 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#785B54 }
```

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

```
.background{ background-color:#785B54 }
```

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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