

# Converting Colors

Hex(785A5D)

Have a look what the booklet for  
Hex(785A5D) contains.

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# Color

**Hex(785A5D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	785A5D
RGB	120, 90, 93
RGB Percent	47%, 35%, 36%
CMY	0.5294, 0.6471, 0.6353
CMYK	0.00, 0.25, 0.22, 0.53
HSL	354°, 14%, 41%
HSV	354°, 25%, 47%
XYZ	13.3777, 12.0957, 11.9856
YIQ	99.3120, 16.9170, 7.2930

# Conversions

## Conversions Part 2

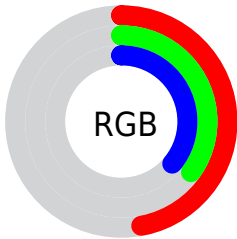
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	120, 90, 93
Decimal	7887453
CIE <sub>Lab</sub>	41.37, 12.81, 3.06
CIE <sub>LCh</sub>	41, 13.171, 13.430
Yxy	12.0957, 0.3571, 0.3229
Android (android.graphics.Color)	4286077533 (0xFF785A5D)
YUV	99.3120, -3.1118, 18.1434
Hunter-Lab	34.7789, 7.7968, 3.9126

# Details

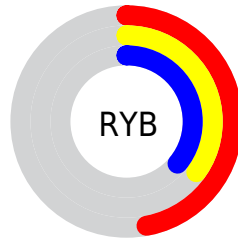
The Hex color **785A5D** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **5A7875**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **AD8C8F**, and **472C2F** is the 20% darker color. If you saturate the color by 10%, you get **784E52**, and if you desaturate by 10%, it is **786668**.

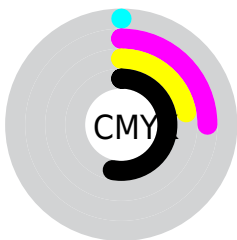
# Distribution



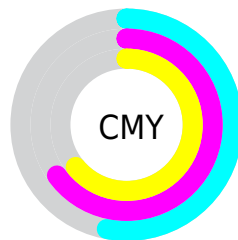
- Red (47%)
- Green (35%)
- Blue (36%)



- Red (47%)
- Yellow (35%)
- Blue (36%)



- Cyan (0%)
- Magenta (25%)
- Yellow (22%)
- Black (53%)



- Cyan (53%)
- Magenta (65%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 785A5D 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 785A5D by changing the saturation by 10% instead.



 785A5D

 785A5D

FFFFFF

 5F4245

 AD8C8F

 472C2F

 C8A7AA

 30171A

 E5C2C5

 1D0000

 FFDEE1

 000000

 FFFAFD

 785A5D

 785A5D

 784E52

 786668

 784247

 787273

 78363D

 787E7D

 782A32

 788A88

 781E27

 789693

 78121C

 78A29E

 780611

 78AEA9

 78000C

 78BAB3

 78C6BE

# Harmonies

## Analogous

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



745B68



785A5D



765C53

# Triad

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



785A5D



596552



4E6476

# Complementary

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



785A5D



5A7875

# 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.



456770



785A5D



4D675B

# Square

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



785A5D



65624D



456866



5C6176

# Rectangle

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



785A5D



725E4F



456866



4A6575



# Sweetspot

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



785A5D



9C8F90



755A78



4F4748



CFCFCF



4F4F4F



# Same Dimension

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



785A5D



9C6D72



78665A



3D3738



7D000C



FC0019



# Inverse Universe

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



785A5D



9C6D72



5A6C78



3D3738



7D000C



FC0019



# Previews

## White Background



This preview shows how the Hex color 785A5D looks on a white background.

## Color Contrast Check

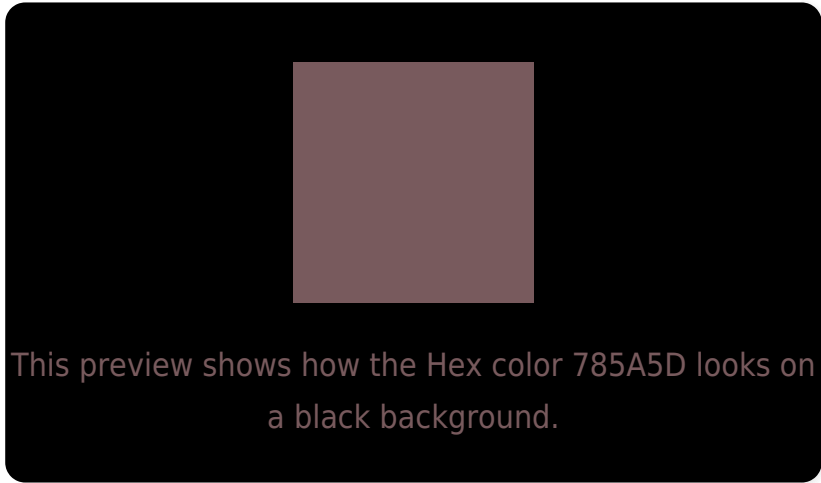
Large Text (above 18pt) WCAG AA ✓ Pass

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

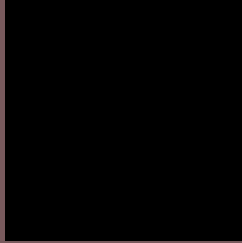
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 785A5D Background



This preview shows how black text looks on a background with the Hex color 785A5D.



This preview shows how white text looks on a background with the Hex color 785A5D.

# 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**  
785A5D

**Protanopia**  
646161

**Deuteranopia**  
6D5E5C



**Tritanopia**  
785960

# Trichromacy



**Original Color**  
785A5D

**Protanomaly**  
6B5E60

**Deuteranomaly**  
715D5C

**Tritanomaly**  
78595F

# Monochromacy



**Original Color**  
785A5D

**Achromatopsia**  
636363

**Achromatomaly**  
6B6061

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 785A5D 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 #785A5D looks like.

```
.text, #text, p{  
    color:#785A5D  
}
```

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 #785A5D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #785A5D
}
```

## Border

The CSS property to change the border of an element to Hex 785A5D is called "border". The border property can be set on classes, ids or directly on the HTML element.

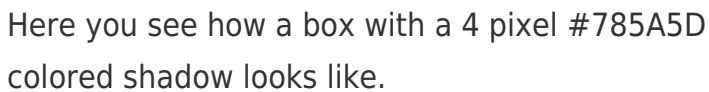
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#785A5D }
```

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

```
.border{ border-color:#785A5D }
```

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



Here you see how a box with a 4 pixel #785A5D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #785A5D; -webkit-box-shadow:4px 4px  
4px 4px #785A5D; box-shadow:4px 4px 4px  
4px #785A5D }
```

# Background

The CSS property to change the background color of an element to Hex 785A5D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#785A5D }
```

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

```
.background{ background-color:#785A5D }
```

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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