

# Converting Colors

Hex(7D5863)

Have a look what the booklet for  
Hex(7D5863) contains.

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**Color**

**Hex(7D5863)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | 7D5863                     |
| RGB           | 125, 88, 99                |
| RGB Percent   | 49%, 35%, 39%              |
| CMY           | 0.5098, 0.6549, 0.6118     |
| CMYK          | 0.00, 0.30, 0.21, 0.51     |
| HSL           | 342°, 17%, 42%             |
| HSV           | 342°, 30%, 49%             |
| XYZ           | 14.1993, 12.2403, 13.4186  |
| YIQ           | 100.3170, 18.5210, 11.2650 |

# Conversions

## Conversions Part 2

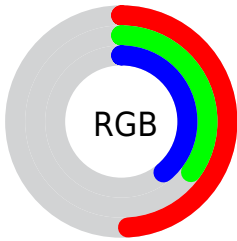
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 125, 88, 99                   |
| Decimal                             | 8214627                       |
| CIE <sub>Lab</sub>                  | 41.60, 17.05, -0.23           |
| CIE <sub>LCh</sub>                  | 42, 17.051, 359.242           |
| Yxy                                 | 12.2403, 0.3562,<br>0.3071    |
| Android<br>(android.graphics.Color) | 4286404707<br>(0xFF7D5863)    |
| YUV                                 | 100.3170, -0.6493,<br>21.6470 |
| Hunter-Lab                          | 34.9861, 11.2195,<br>1.7501   |

# Details

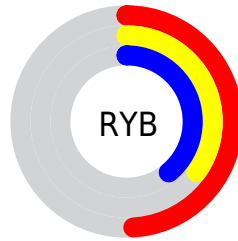
The Hex color **7D5863** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **587D72**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **B28A96**, and **4B2A35** is the 20% darker color. If you saturate the color by 10%, you get **7D4C5A**, and if you desaturate by 10%, it is **7D656C**.

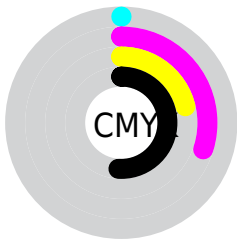
# Distribution



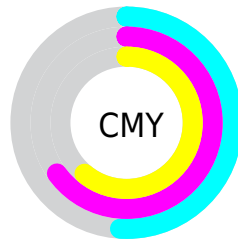
- Red (49%)
- Green (35%)
- Blue (39%)



- Red (49%)
- Yellow (35%)
- Blue (39%)



- Cyan (0%)
- Magenta (30%)
- Yellow (21%)
- Black (51%)



- Cyan (51%)
- Magenta (65%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7D5863 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 7D5863 by changing the saturation by 10% instead.



 7D5863

 7D5863

FFFFFF

 64404B

 B28A96

 4B2A35

 CEA5B0

 34151F

 EAC0CC

 210007

 FFDCE8

 000000

 FFF8FF

 7D5863

 7D5863

 7D4C5A

 7D656C

 7D3F51

 7D7175

 7D3349

 7D7E7D

 7D2640

 7D8A86

 7D1A37

 7D968F

 7D0D2E

 7DA398

 7D0126

 7DB0A0

 7D0025

 7DBCA9

 7DC9B2

# Harmonies

## Analogous

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



745A71



7D5863



7E5955

# Triad

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



7D5863



5E6549



3F677A

# Complementary

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



7D5863



587D72

# 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.



396A6F



7D5863



4E6953

# Square

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



7D5863



6D6146



3F6A61



50637E

# Rectangle

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



7D5863



7B5B4D



3F6A61



3C6877



# Sweetspot

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



7D5863



A39599



72587D



52494B



D1D1D1



525252



# Same Dimension

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



7D5863



A3687A



7D5F58



40393B



800026



000000



# Inverse Universe

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



7D5863



A3687A



58767D



40393B



800026

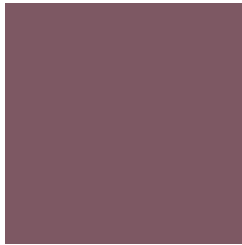


000000



# Previews

## White Background



This preview shows how the Hex color 7D5863 looks on a white background.

## Color Contrast Check

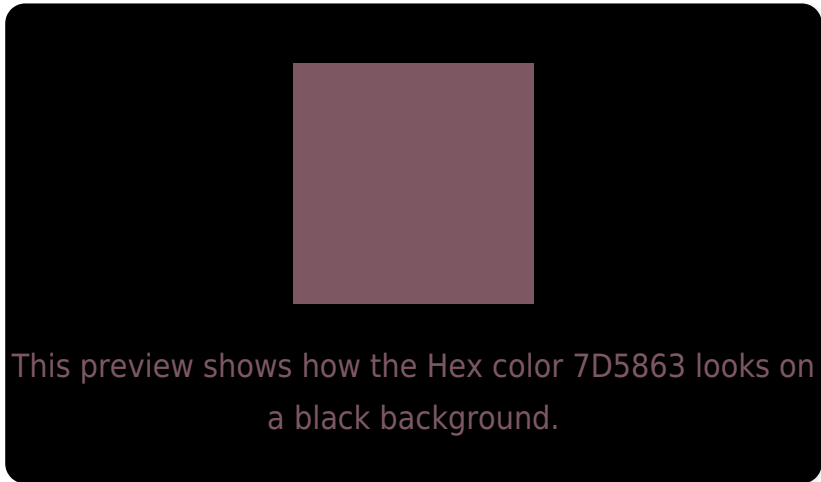
Large Text (above 18pt) WCAG AA ✓ Pass

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

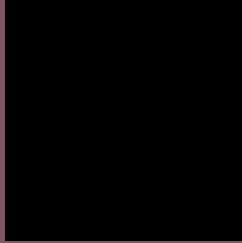
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7D5863 Background



This preview shows how black text looks on a background with the Hex color 7D5863.



This preview shows how white text looks on a background with the Hex color 7D5863.

# 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**  
7D5863

**Protanopia**  
626269

**Deuteranopia**  
6C5F62



**Tritanopia**  
7D595F

# Trichromacy



**Original Color**  
7D5863

**Protanomaly**  
6C5E67

**Deuteranomaly**  
725C62

**Tritanomaly**  
7D5960

# Monochromacy



**Original Color**  
7D5863

**Achromatopsia**  
646464

**Achromatomaly**  
6D6064

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7D5863 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 #7D5863 looks like.

```
.text, #text, p{  
    color:#7D5863  
}
```

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 #7D5863 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D5863
}
```

## Border

The CSS property to change the border of an element to Hex 7D5863 is called "border". The border property can be set on classes, ids or directly on the HTML element.

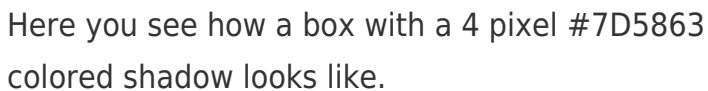
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7D5863 }
```

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

```
.border{ border-color:#7D5863 }
```

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



Here you see how a box with a 4 pixel #7D5863 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D5863; -webkit-box-shadow:4px 4px  
4px 4px #7D5863; box-shadow:4px 4px 4px  
4px #7D5863 }
```

# Background

The CSS property to change the background color of an element to Hex 7D5863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D5863 }
```

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

```
.background{ background-color:#7D5863 }
```

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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