

# Converting Colors

Hex(7D535D)

Have a look what the booklet for  
Hex(7D535D) contains.

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**Color**

**Hex(7D535D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7D535D
RGB	125, 83, 93
RGB Percent	49%, 33%, 36%
CMY	0.5098, 0.6745, 0.6353
CMYK	0.00, 0.34, 0.26, 0.51
HSL	346°, 20%, 41%
HSV	346°, 34%, 49%
XYZ	13.5265, 11.3368, 11.8312
YIQ	96.6980, 21.8220, 12.0140

# Conversions

## Conversions Part 2

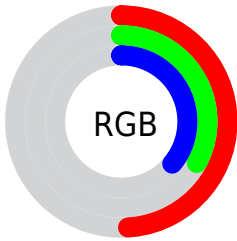
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	125, 83, 93
Decimal	8213341
CIE <sub>Lab</sub>	40.14, 19.06, 1.36
CIE <sub>LCh</sub>	40, 19.104, 4.079
Yxy	11.3368, 0.3686, 0.3090
Android (android.graphics.Color)	4286403421 (0xFF7D535D)
YUV	96.6980, -1.8231, 24.8209
Hunter-Lab	33.6702, 12.7869, 2.7354

# Details

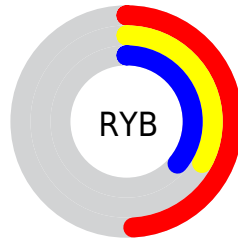
The Hex color **7D535D** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **537D73**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **B3858F**, and **4B252F** is the 20% darker color. If you saturate the color by 10%, you get **7D4753**, and if you desaturate by 10%, it is **7D6067**.

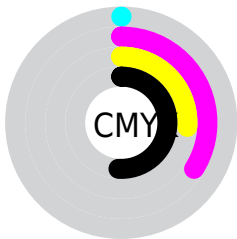
# Distribution



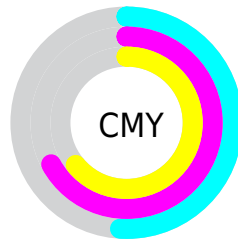
- Red (49%)
- Green (33%)
- Blue (36%)



- Red (49%)
- Yellow (33%)
- Blue (36%)



- Cyan (0%)
- Magenta (34%)
- Yellow (26%)
- Black (51%)



- Cyan (51%)
- Magenta (67%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7D535D 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 7D535D by changing the saturation by 10% instead.



 7D535D

 7D535D

FFFFFF

 633C45

 B3858F

 4B252F

 CE9FAA

 33101B

 EBBAC5

 210001

 FFD6E1

 000000

 FFF3FD

 7D535D

 7D535D

 7D4753

 7D6067

 7D3A4A

 7D6C70

 7D2E40

 7D797A

 7D2137

 7D8583

 7D152D

 7D928D

 7D0824

 7D9E96

 7D001E

 7DABA0

 7DB7A9

 7DC3B3

# Harmonies

## Analogous

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



74556D



7D535D



7D554E

# Triad

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



7D535D



576344



38647A

# Complementary

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



7D535D



537D73

# 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.



2D6770



7D535D



456650

# Square

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



7D535D



685E3F



346760



4E5F7D

# Rectangle

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



7D535D



785746



346760



336577



# Sweetspot

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



7D535D



A39397



73537D



52484A



D1D1D1



525252



# Same Dimension

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



7D535D



A36271



7D5E53



40393B



80001E



000000



# Inverse Universe

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



7D535D



A36271



53737D



40393B



80001E

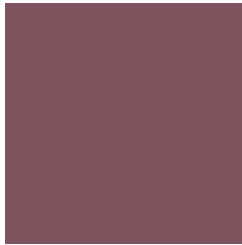


000000



# Previews

## White Background



This preview shows how the Hex color 7D535D looks on a white background.

## Color Contrast Check

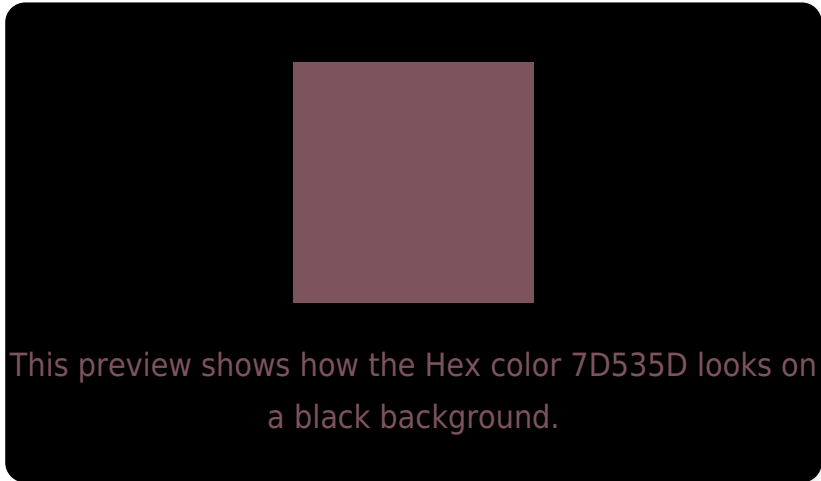
Large Text (above 18pt) WCAG AA ✓ Pass

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

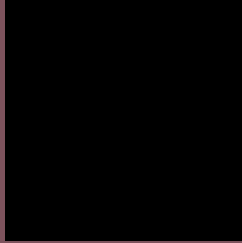
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7D535D Background



This preview shows how black text looks on a background with the Hex color 7D535D.



This preview shows how white text looks on a background with the Hex color 7D535D.

# 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**  
7D535D

**Protanopia**  
5F5E64

**Deuteranopia**  
695C5B



**Tritanopia**  
7D545A

# Trichromacy



**Original Color**  
7D535D

**Protanomaly**  
6A5A61

**Deuteranomaly**  
70595C

**Tritanomaly**  
7D545B

# Monochromacy



**Original Color**  
7D535D

**Achromatopsia**  
616161

**Achromatomaly**  
6B5C60

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7D535D 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 #7D535D looks like.

```
.text, #text, p{  
    color:#7D535D  
}
```

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 #7D535D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D535D
}
```

## Border

The CSS property to change the border of an element to Hex 7D535D is called "border". The border property can be set on classes, ids or directly on the HTML element.

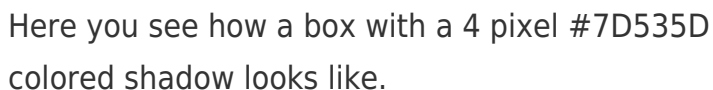
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7D535D }
```

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

```
.border{ border-color:#7D535D }
```

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



Here you see how a box with a 4 pixel #7D535D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D535D; -webkit-box-shadow:4px 4px  
4px 4px #7D535D; box-shadow:4px 4px 4px  
4px #7D535D }
```

# Background

The CSS property to change the background color of an element to Hex 7D535D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D535D }
```

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

```
.background{ background-color:#7D535D }
```

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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